Appendix: 5.2G Wi-Fi

1. Frequency Error

1.1 Test Result

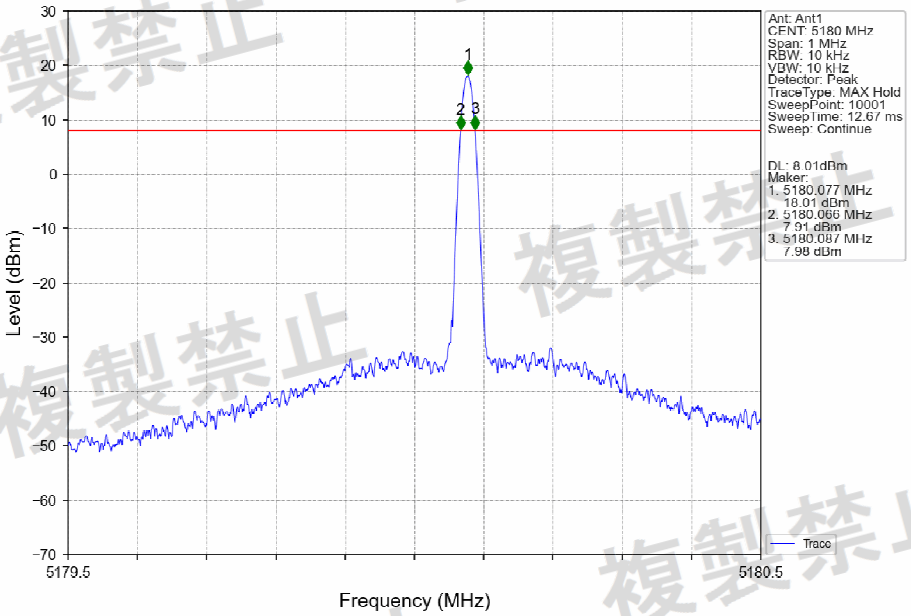
1.1.1 Ant1

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	CW	SISO	5180	5180.077	14.86	-20 to 20	Pass
			5200	5200.074	14.18	-20 to 20	Pass
			5240	5240.073	13.90	-20 to 20	Pass
			5190	5190.072	13.79	-20 to 20	Pass
			5230	5230.072	13.80	-20 to 20	Pass
			5210	5210.072	13.74	-20 to 20	Pass

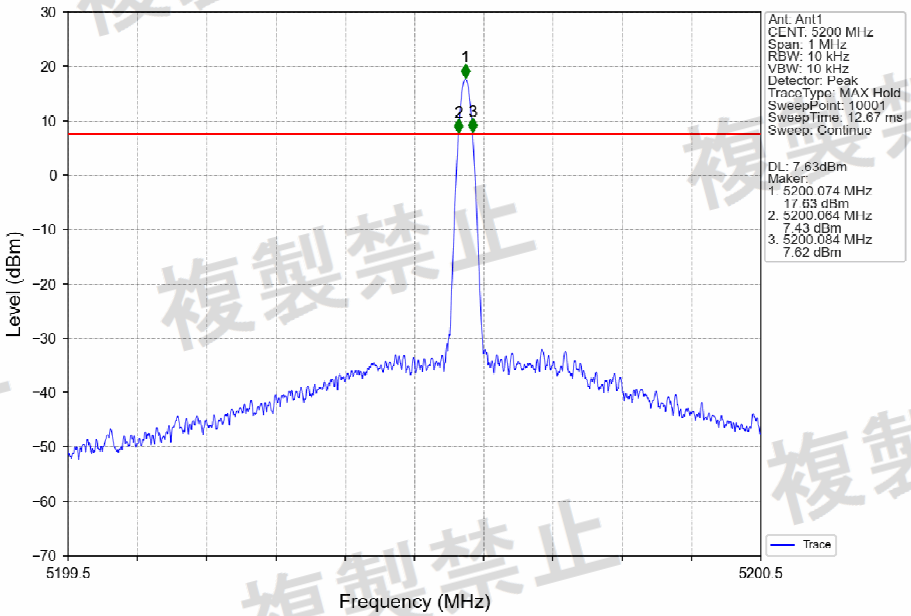
1.2 Test Graph

1.2.1 Ant1

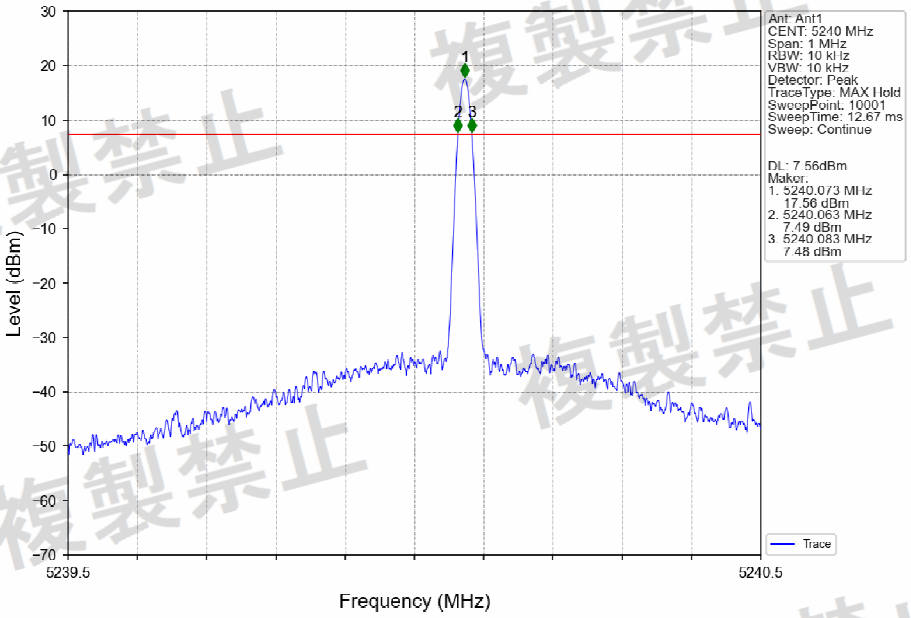
CW_5180MHz_Ant1_NTNV



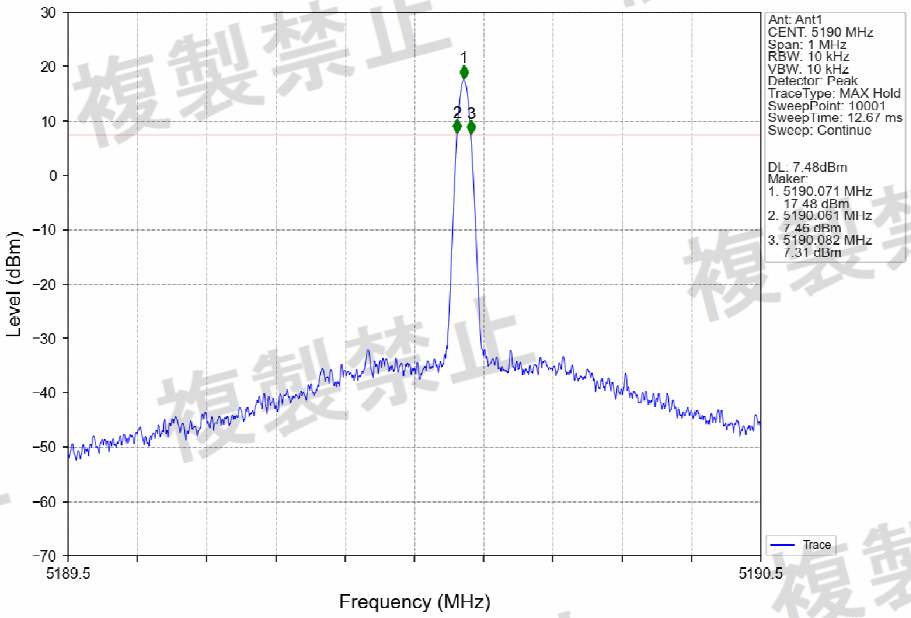
CW_5200MHz_Ant1_NTNV



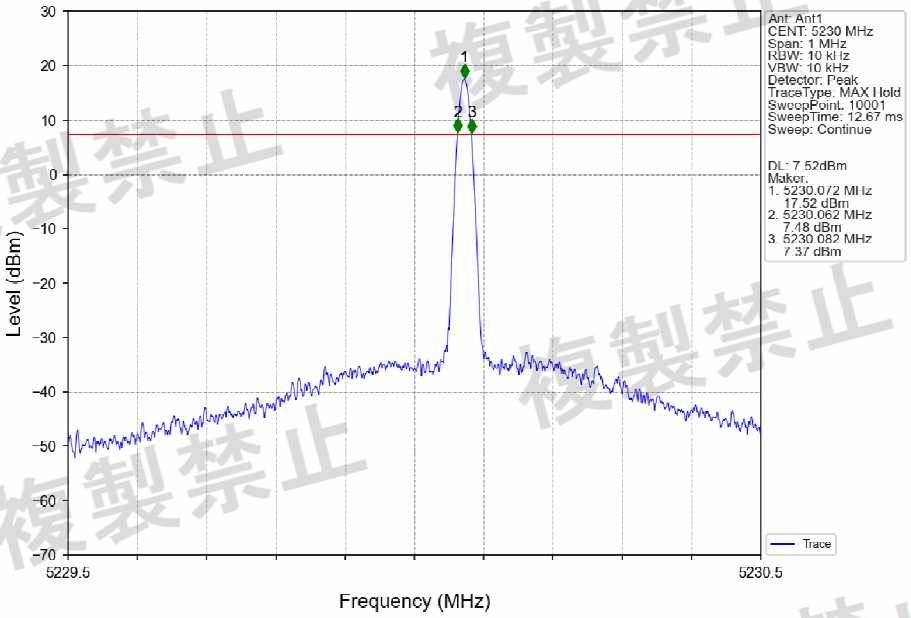
CW_5240MHz_Ant1_NTNV



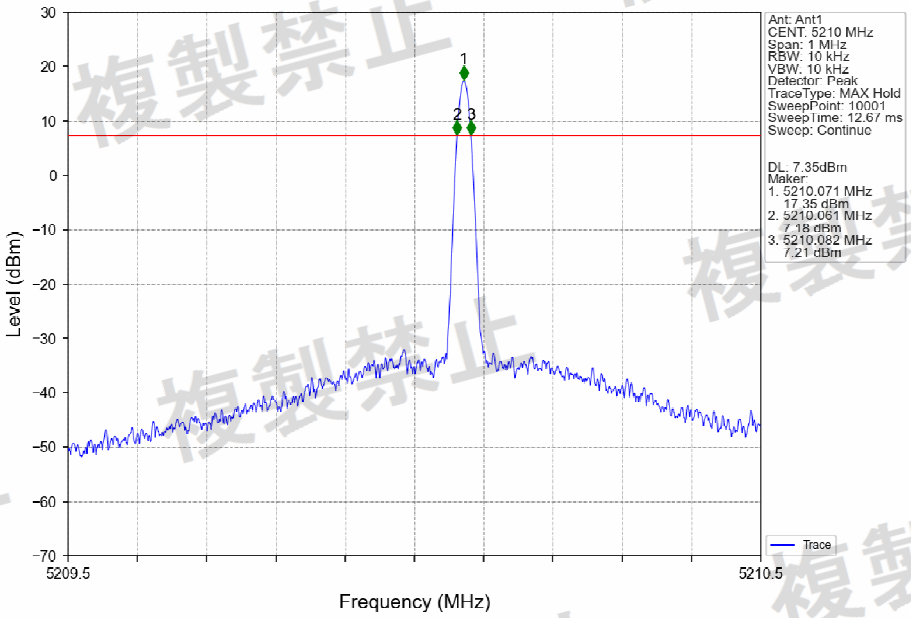
CW_5190MHz_Ant1_NTNV



CW_5230MHz_Ant1_NTNV



CW_MCH_5210MHz_Ant1_NTNV



2. Occupied Bandwidth

2.1 Test Result

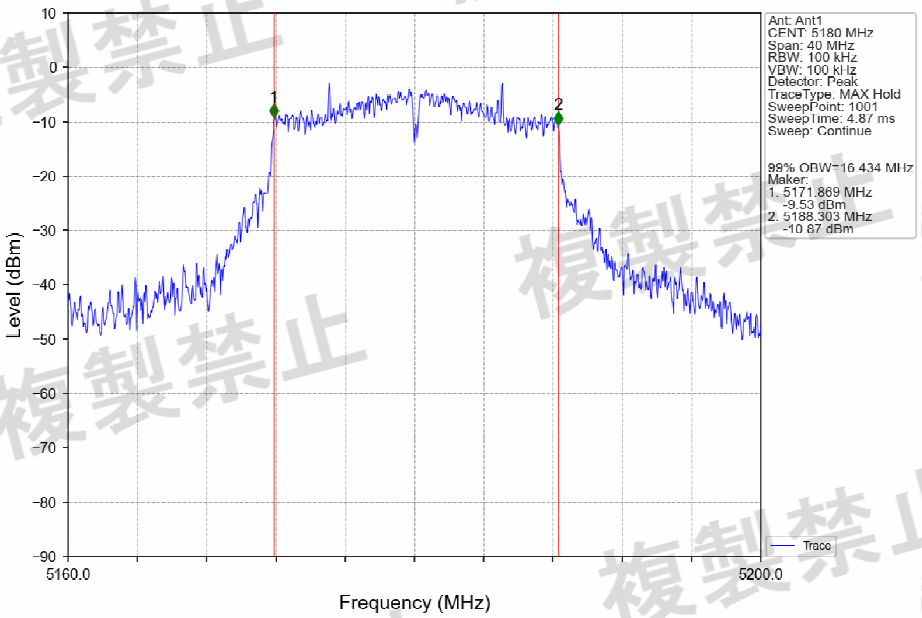
2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	802.11a	SISO	5180	16.434	<=20	Pass
			5200	16.414	<=20	Pass
			5240	16.412	<=20	Pass
	802.11n (HT20)	SISO	5180	17.602	<=20	Pass
			5200	17.608	<=20	Pass
			5240	17.582	<=20	Pass
	802.11ac (VHT20)	SISO	5180	17.619	<=20	Pass
			5200	17.596	<=20	Pass
			5240	17.589	<=20	Pass
	802.11ac (VHT40)	SISO	5190	36.041	<=40	Pass
			5230	36.111	<=40	Pass
	802.11ac (VHT80)	SISO	5210	75.346	<=80	Pass

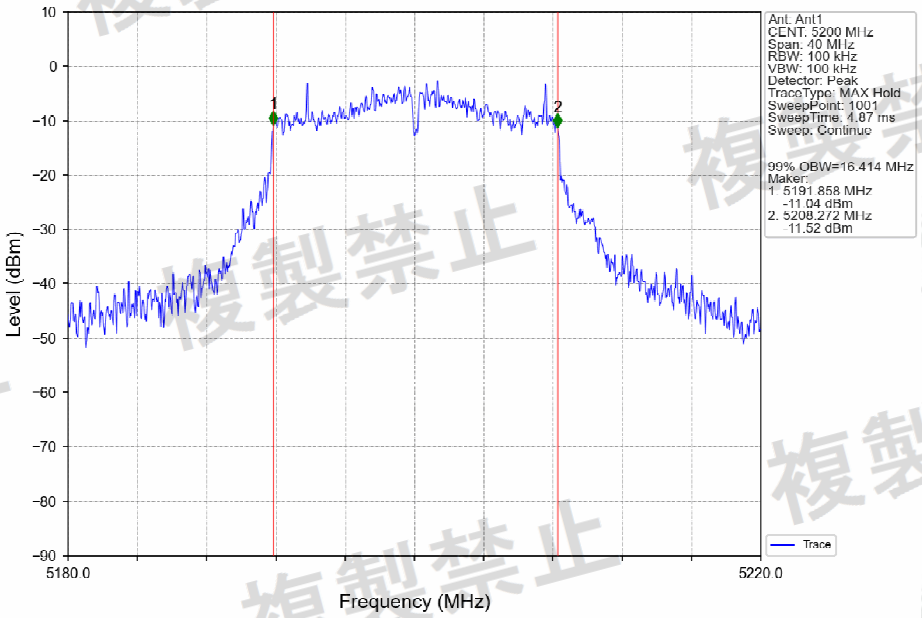
2.2 Test Graph

2.2.1 OBW

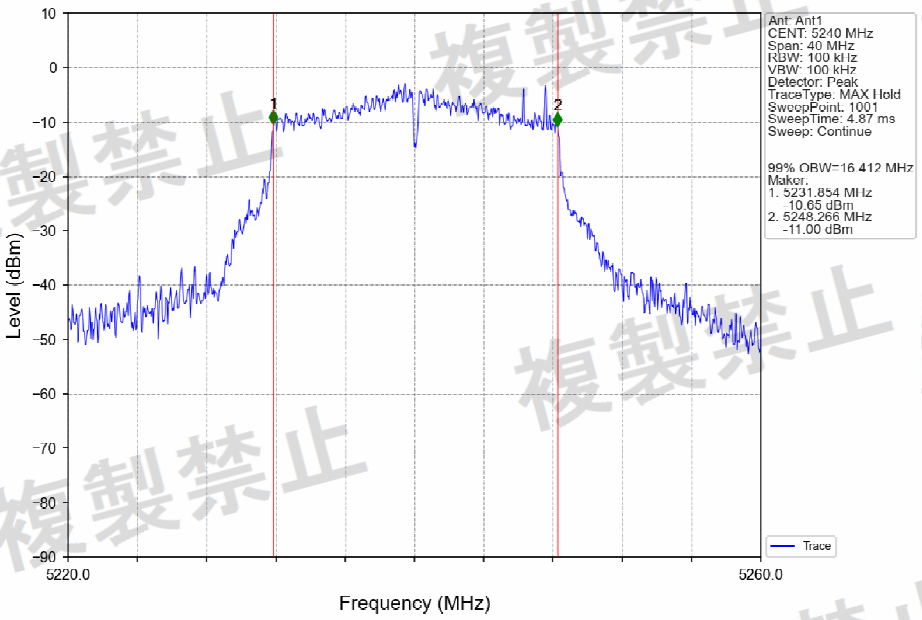
802.11a_LCH_5180MHz_Ant1_NTNV



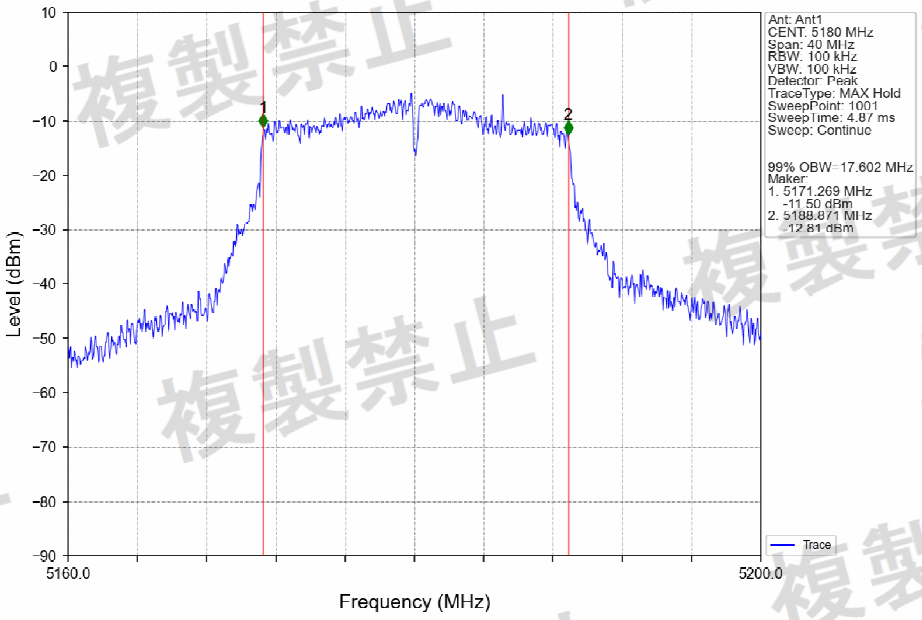
802.11a_MCH_5200MHz_Ant1_NTNV



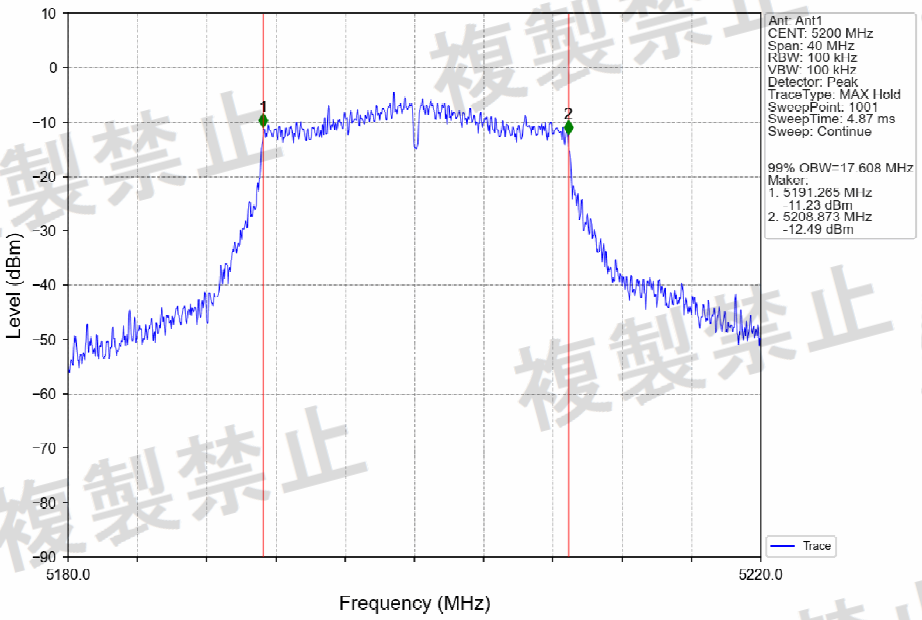
802.11a_HCH_5240MHz_Ant1_NTNV



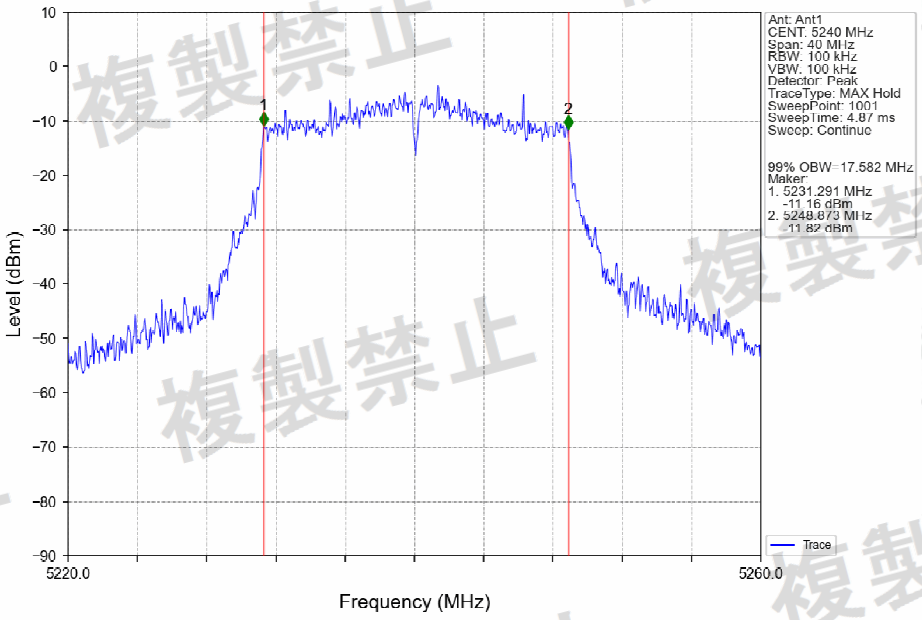
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



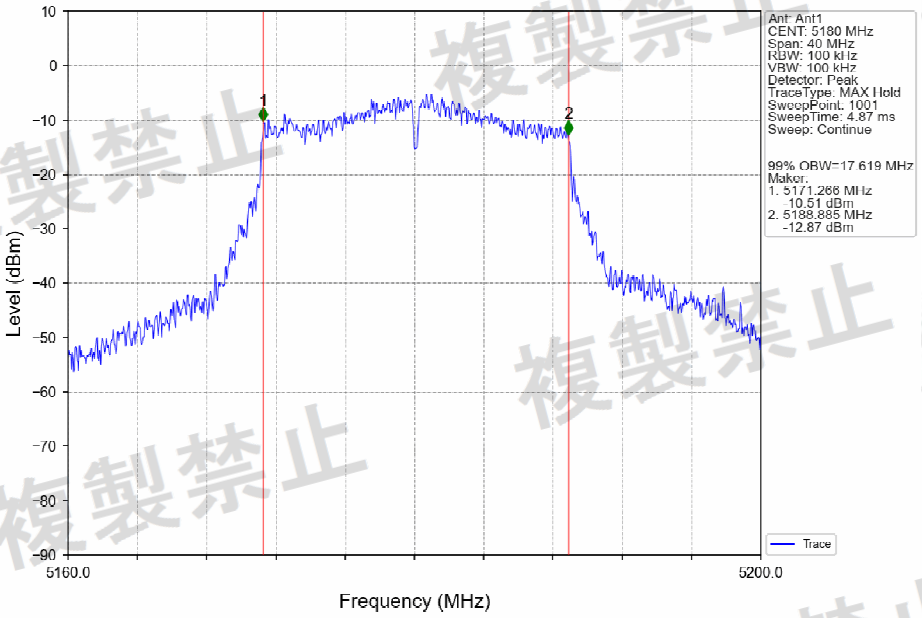
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



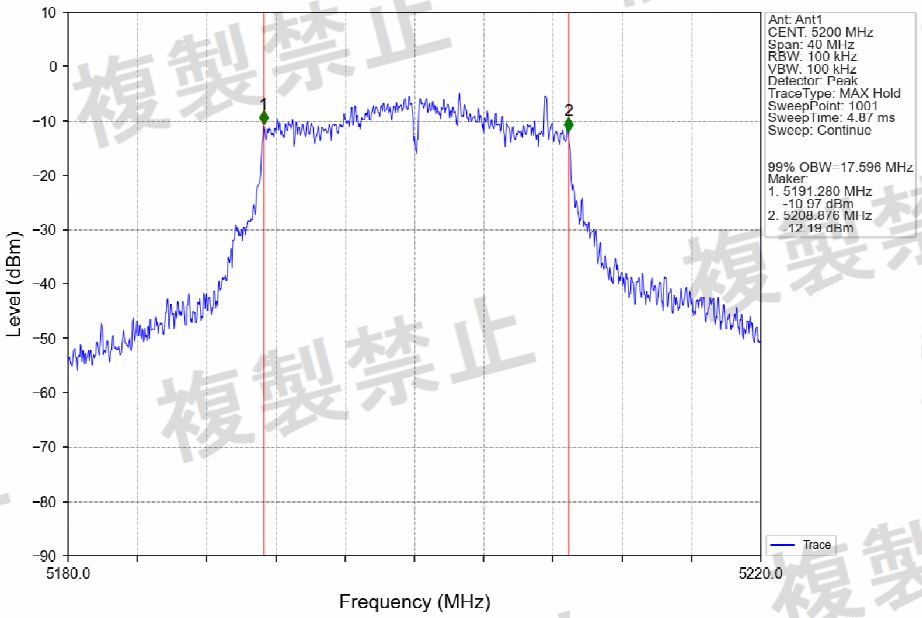
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



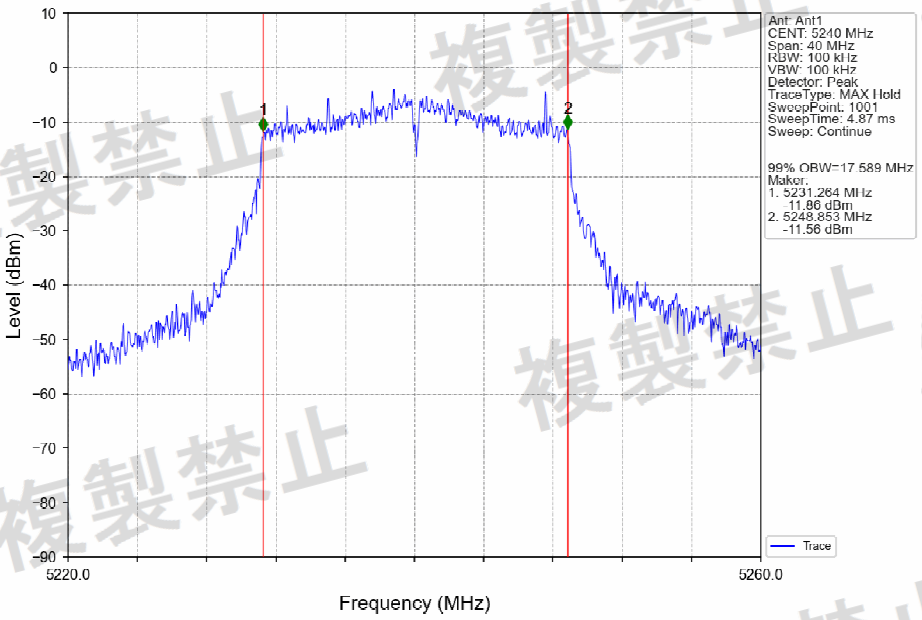
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



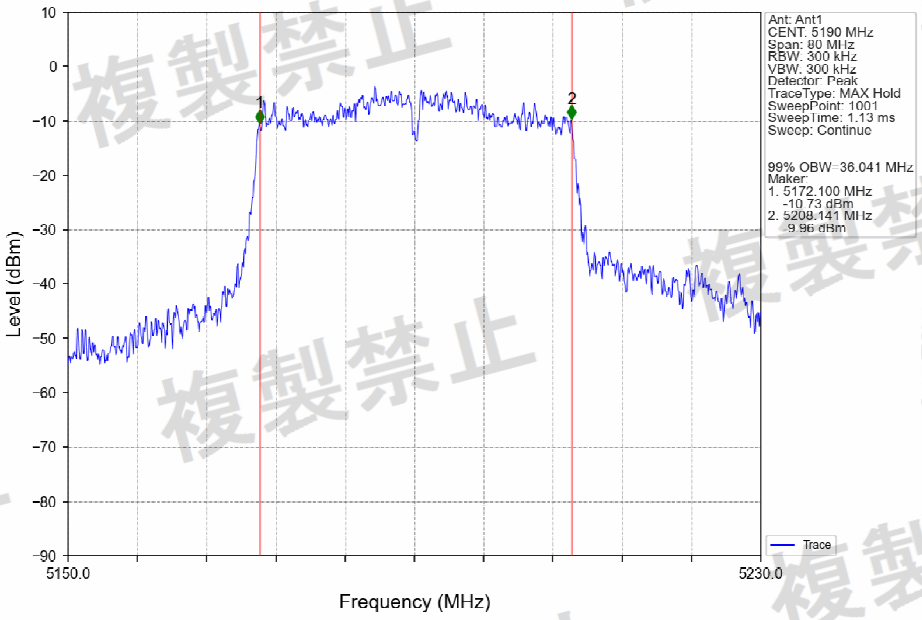
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



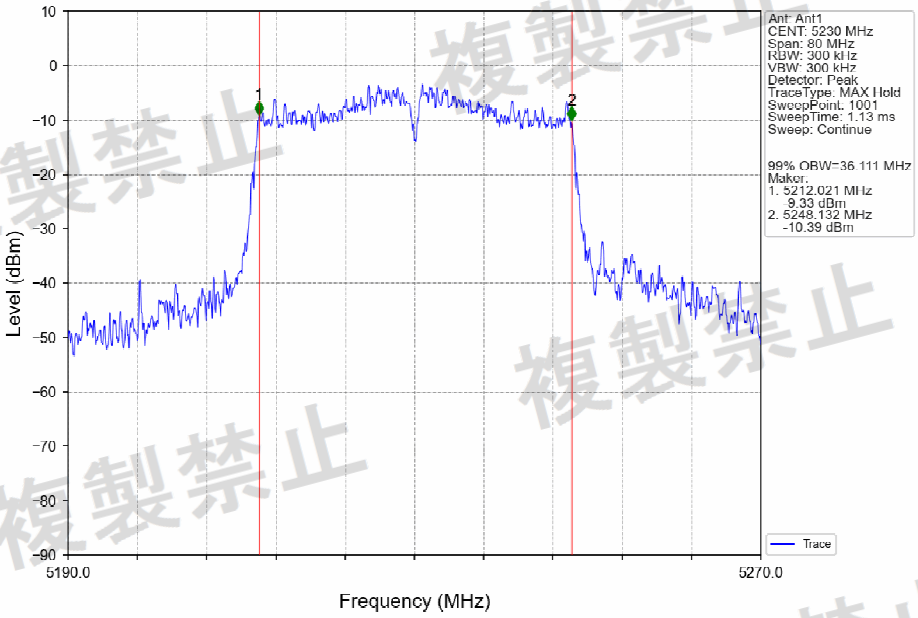
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



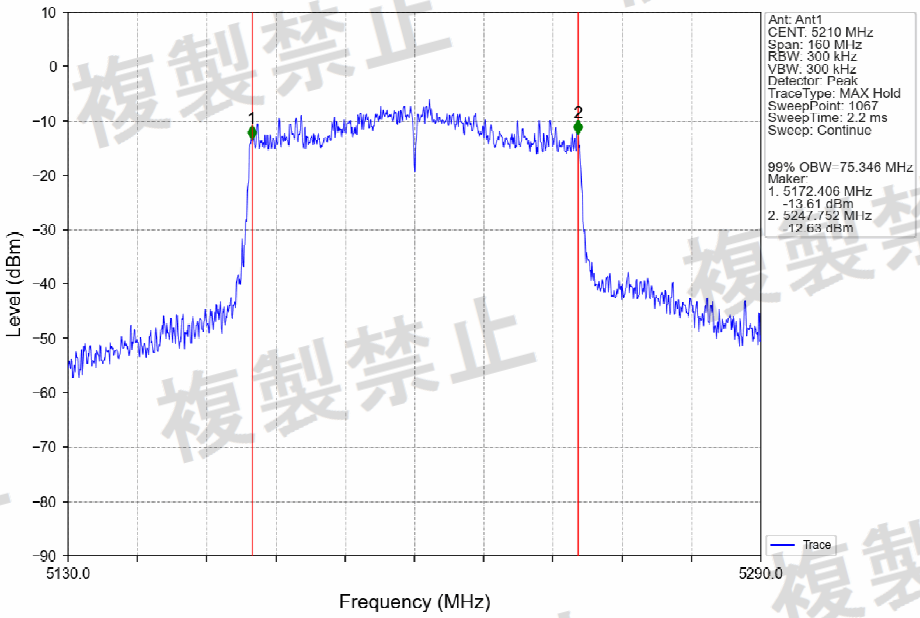
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



3. Antenna Power

3.1 Test Result

3.1.1 Power_NTNV

NTNV									
Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
				Measured	Limit		Measured	Limit	
802.11a	SISO	5180	1	0.733	<=10.00	0.730	0.41	-80 to 20	Pass
		5200	1	0.815	<=10.00	0.730	11.64	-80 to 20	Pass
		5240	1	0.869	<=10.00	0.730	19.04	-80 to 20	Pass
802.11n (HT20)	SISO	5180	1	0.566	<=10.00	0.570	-0.70	-80 to 20	Pass
		5200	1	0.539	<=10.00	0.570	-5.44	-80 to 20	Pass
		5240	1	0.666	<=10.00	0.570	16.84	-80 to 20	Pass
802.11ac (VHT20)	SISO	5180	1	0.560	<=10.00	1.000	-44.00	-80 to 20	Pass
		5200	1	0.552	<=10.00	1.000	-44.80	-80 to 20	Pass
		5240	1	0.677	<=10.00	1.000	-32.30	-80 to 20	Pass
802.11ac (VHT40)	SISO	5190	1	0.272	<=5.00	0.270	0.74	-80 to 20	Pass
		5230	1	0.320	<=5.00	0.270	18.52	-80 to 20	Pass
802.11ac (VHT80)	SISO	5210	1	0.140	<=2.50	0.140	0.00	-80 to 20	Pass

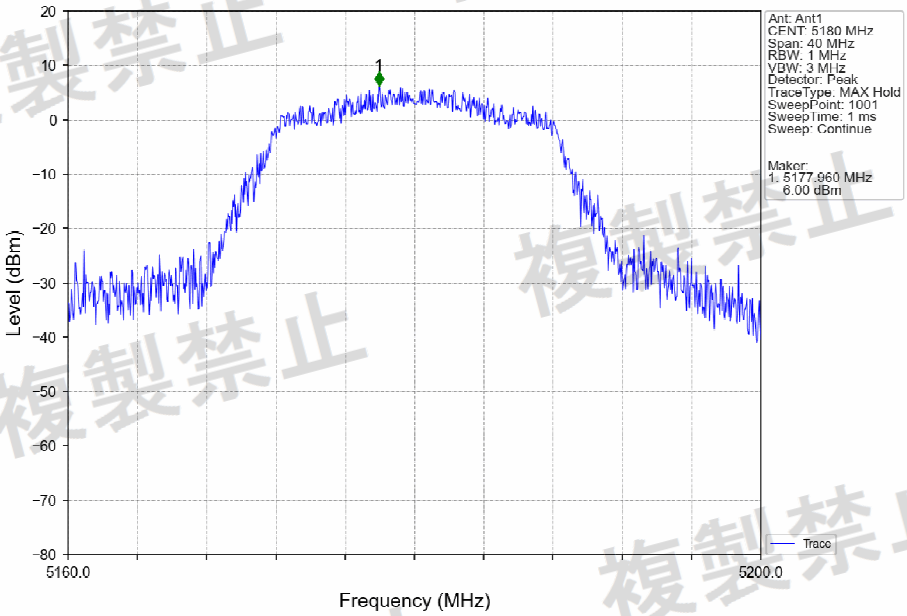
3.1.2 EIRP_NTNV

NTNV							
Mode	TX Type	Frequency (MHz)	ANT	Gain (dBi)	EIRP (mW/MHz)		Verdict
					Result	Limit	
802.11a	SISO	5180	1	4.45	2.04	<=10	Pass
		5200	1	4.45	2.27	<=10	Pass
		5240	1	4.45	2.42	<=10	Pass
802.11n (HT20)	SISO	5180	1	4.45	1.58	<=10	Pass
		5200	1	4.45	1.50	<=10	Pass
		5240	1	4.45	1.86	<=10	Pass
802.11ac (VHT20)	SISO	5180	1	4.45	1.56	<=10	Pass
		5200	1	4.45	1.54	<=10	Pass
		5240	1	4.45	1.89	<=10	Pass
802.11ac (VHT40)	SISO	5190	1	4.45	0.76	<=5	Pass
		5230	1	4.45	0.89	<=5	Pass
802.11ac (VHT80)	SISO	5210	1	4.45	0.39	<=2.5	Pass

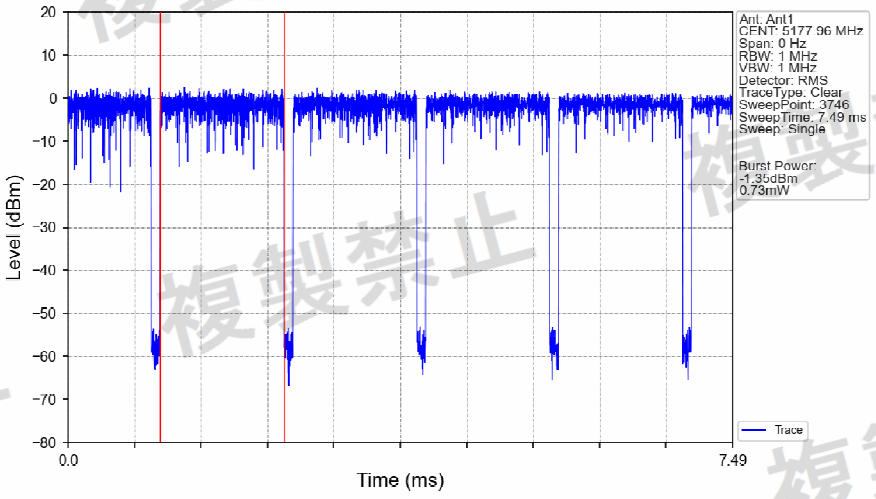
3.2 Test Graph

3.2.1 Power_NTNV

802.11a_LCH_5180MHz_Ant1_NTNV

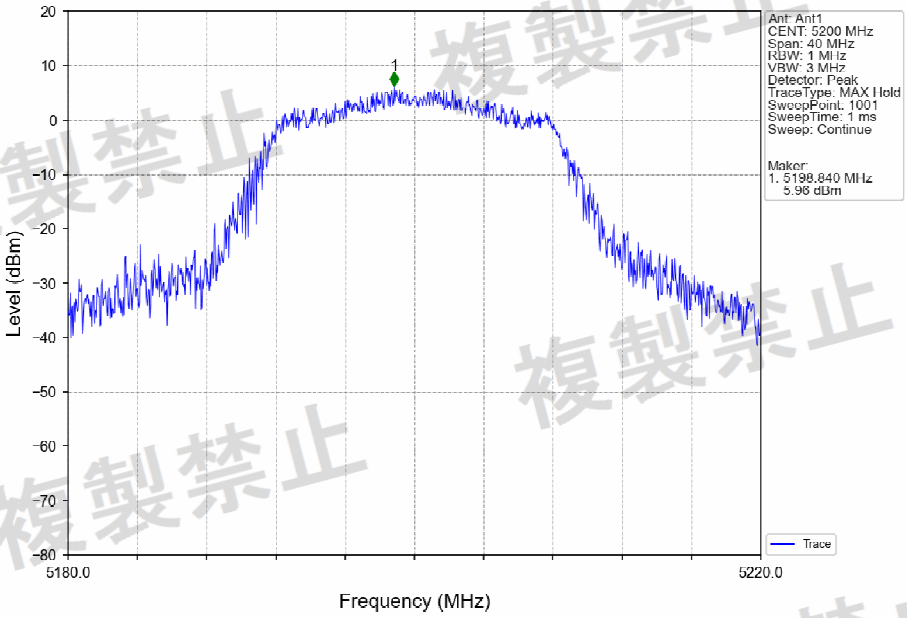


802.11a_LCH_5180MHz_Ant1_NTNV

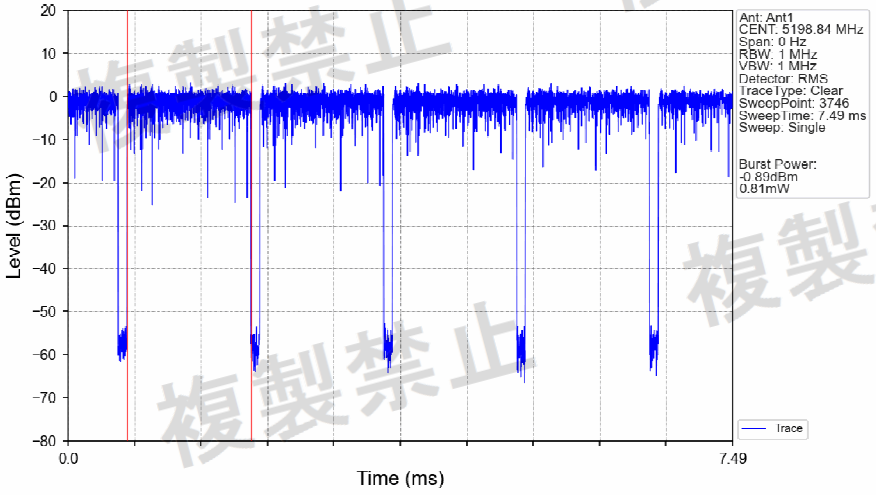


Burst No.	1	2	3	4
Length (ms)	**1.398**	1.398	1.398	1.398
Power(dBm)	**-1.35**	-1.36	-1.35	-1.35
Power(mW)	**0.733**	0.732	0.733	0.732
Remark	**Max**	/	/	/

802.11a_MCH_5200MHz_Ant1_NTNV

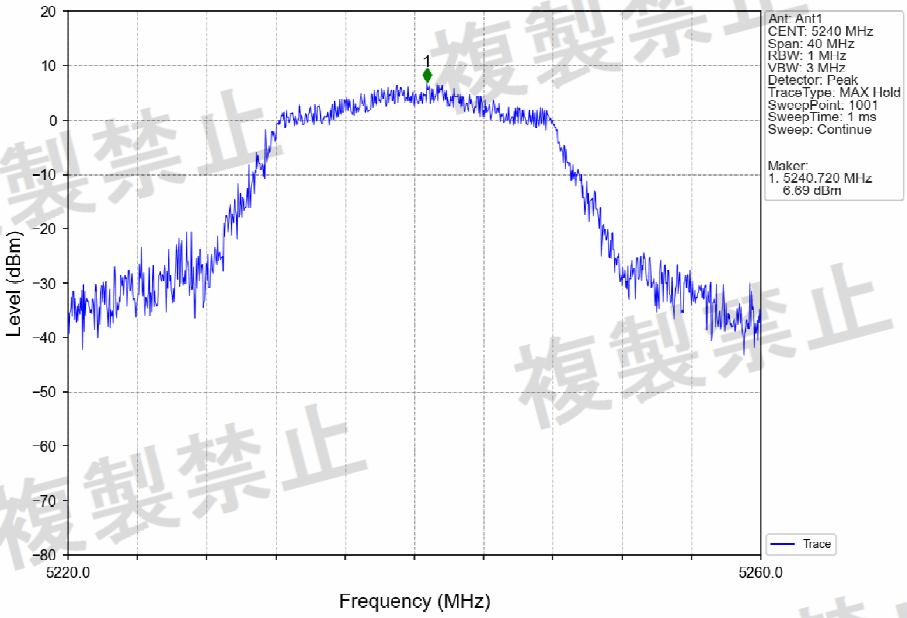


802.11a_MCH_5200MHz_Ant1_NTNV

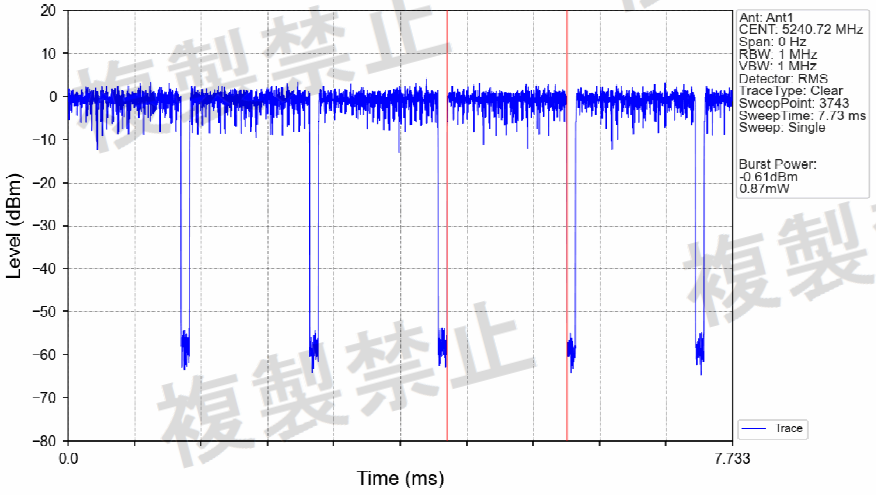


Burst No.	1	2	3	4
Length (ms)	**1.396**	1.396	1.398	1.398
Power(dBm)	**-0.89**	-0.89	-0.91	-0.91
Power(mW)	**0.815**	0.814	0.811	0.812
Remark	**Max**	/	/	/

802.11a_HCH_5240MHz_Ant1_NTNV

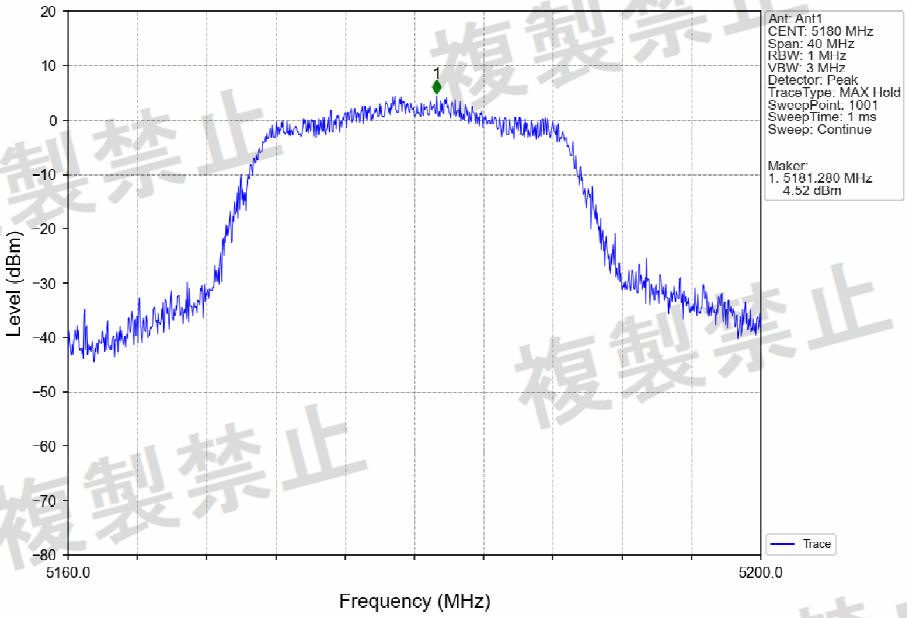


802.11a_HCH_5240MHz_Ant1_NTNV

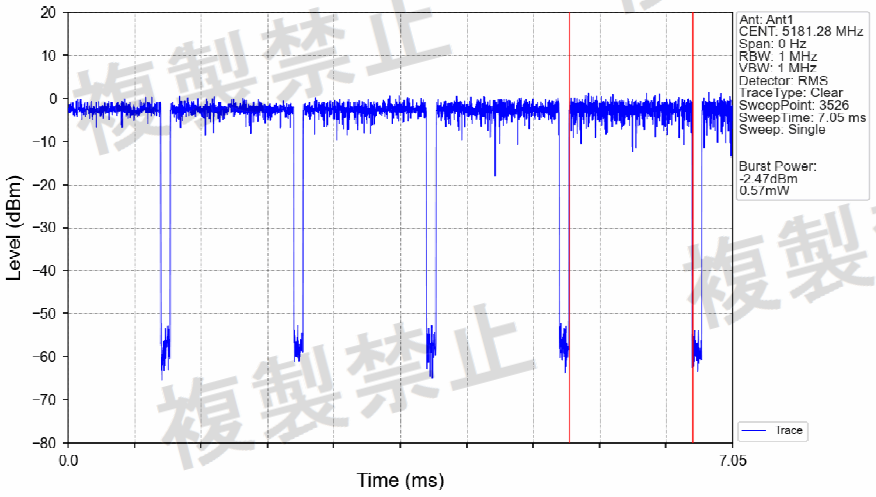


Burst No.	1	2	3	4
Length (ms)	1.397	1.397	**1.397**	1.397
Power(dBm)	-0.62	-0.61	**-0.61**	-0.62
Power(mW)	0.867	0.868	**0.869**	0.868
Remark	/	/	**Max**	/

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

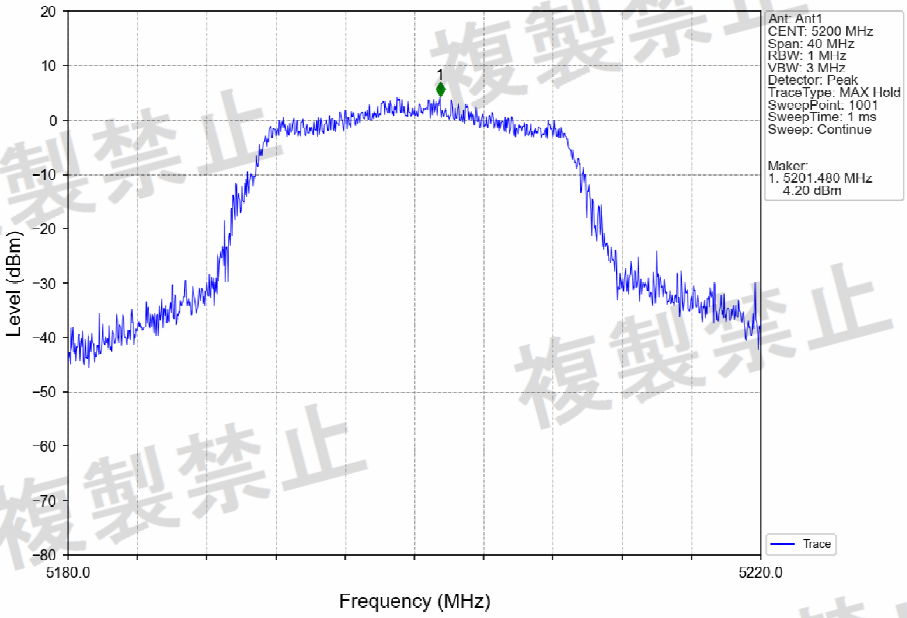


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

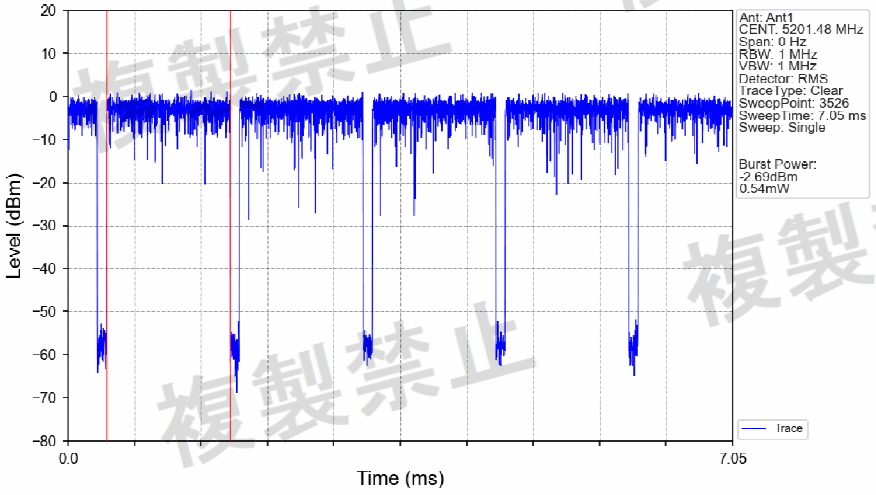


Burst No.	1	2	3	**4**
Length (ms)	1.310	1.308	1.308	**1.308**
Power(dBm)	-2.50	-2.51	-2.55	**-2.47**
Power(mW)	0.562	0.561	0.555	**0.566**
Remark	/	/	/	**Max**

802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

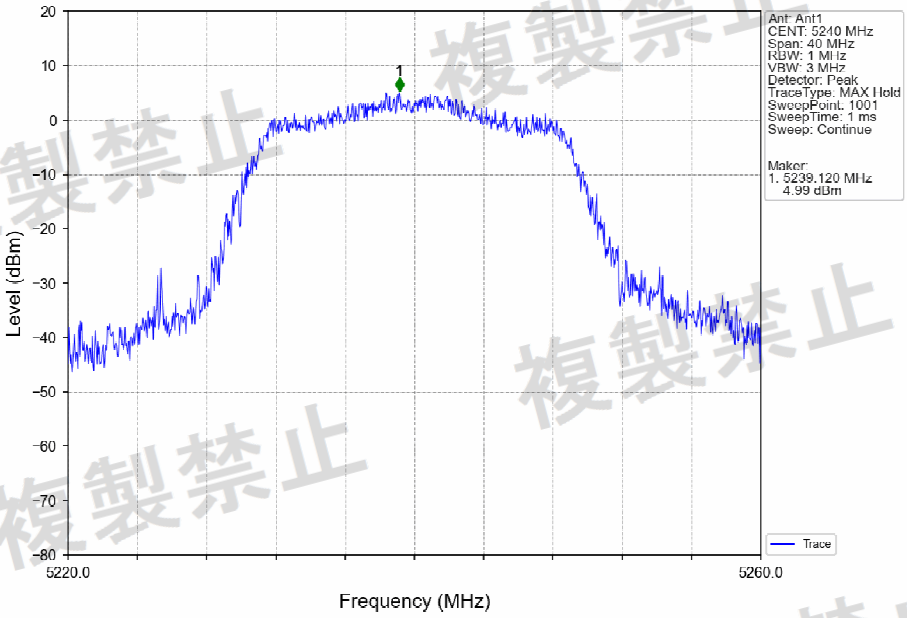


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

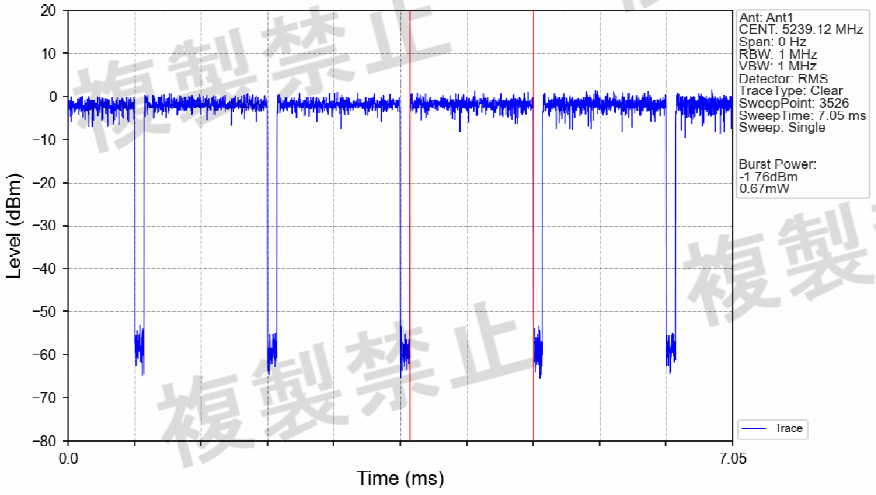


Burst No.	1	2	3	4
Length (ms)	**1.308**	1.308	1.308	1.310
Power(dBm)	**-2.69**	-2.72	-2.71	-2.73
Power(mW)	**0.539**	0.534	0.536	0.533
Remark	**Max**	/	/	/

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

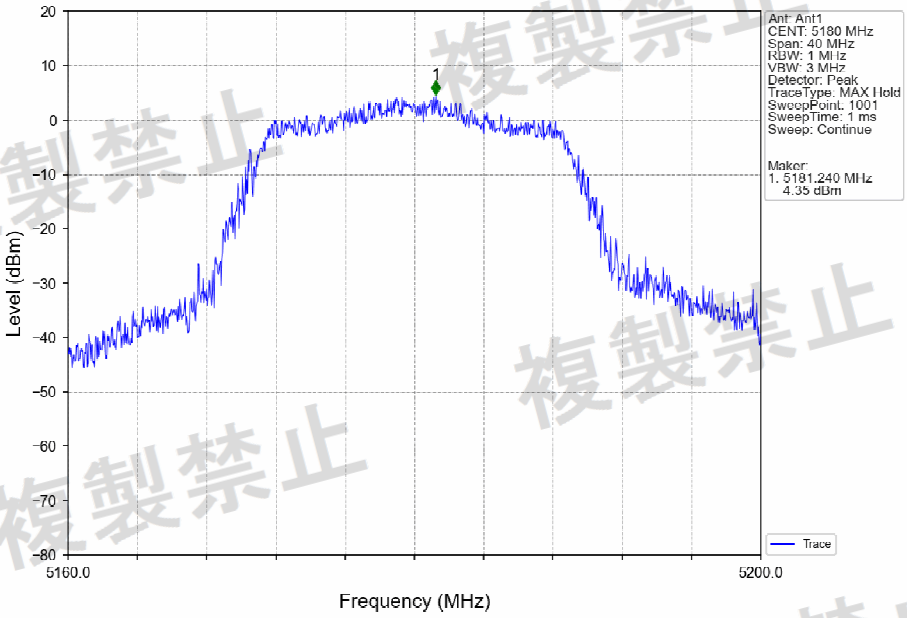


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

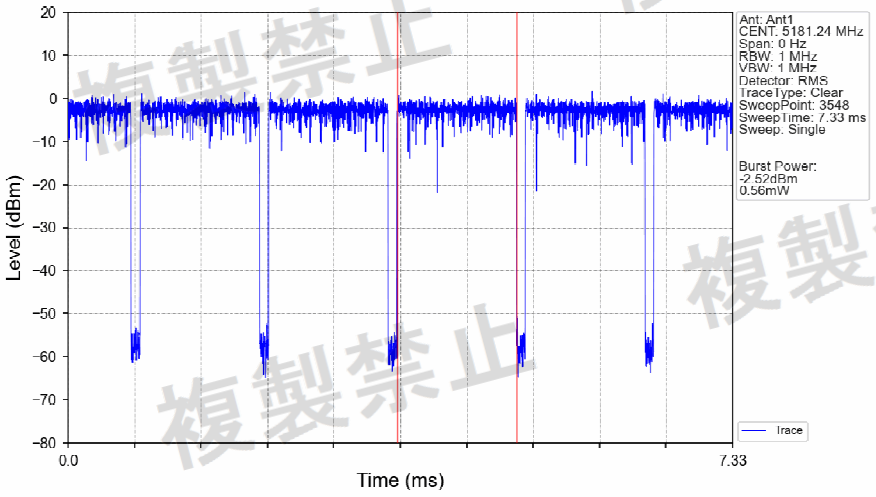


Burst No.	1	2	**3**	4
Length (ms)	1.310	1.310	**1.310**	1.310
Power(dBm)	-1.79	-1.80	**-1.76**	-1.79
Power(mW)	0.662	0.660	**0.666**	0.662
Remark	/	/	**Max**	/

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

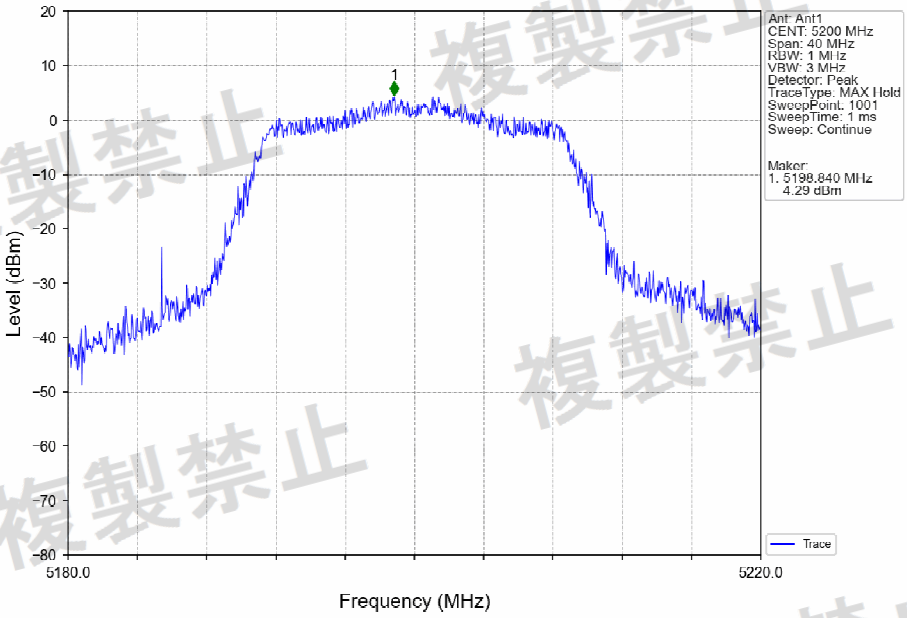


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

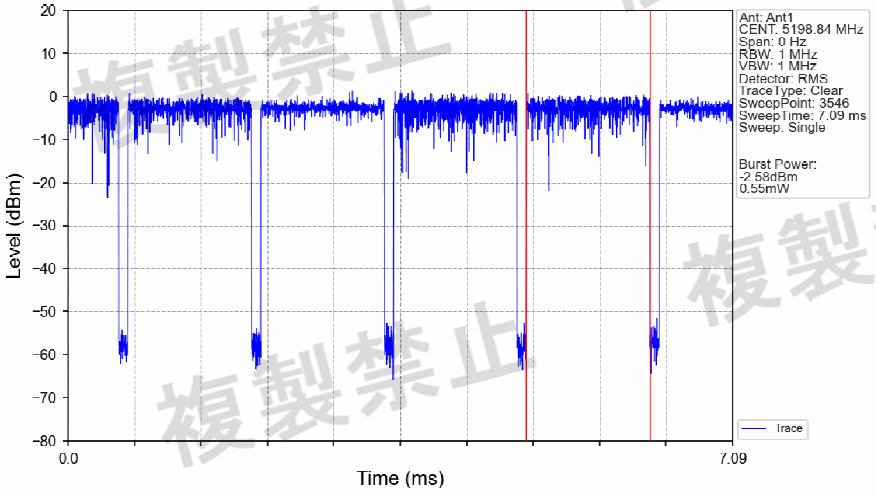


Burst No.	1	2	**3**	4
Length (ms)	1.316	1.316	**1.316**	1.316
Power(dBm)	-2.58	-2.62	**-2.52**	-2.62
Power(mW)	0.555	0.548	**0.560**	0.547
Remark	/	/	**Max**	/

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

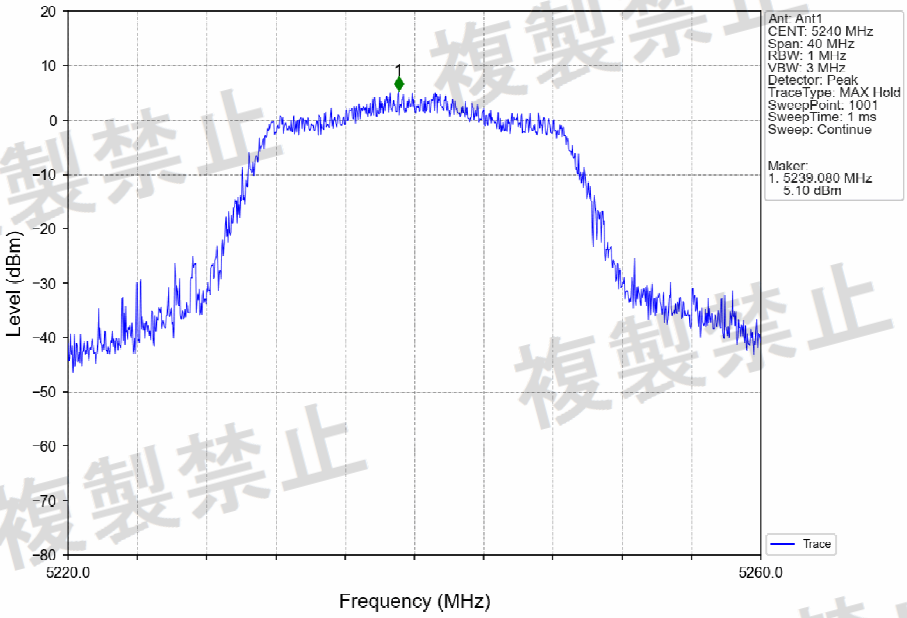


802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

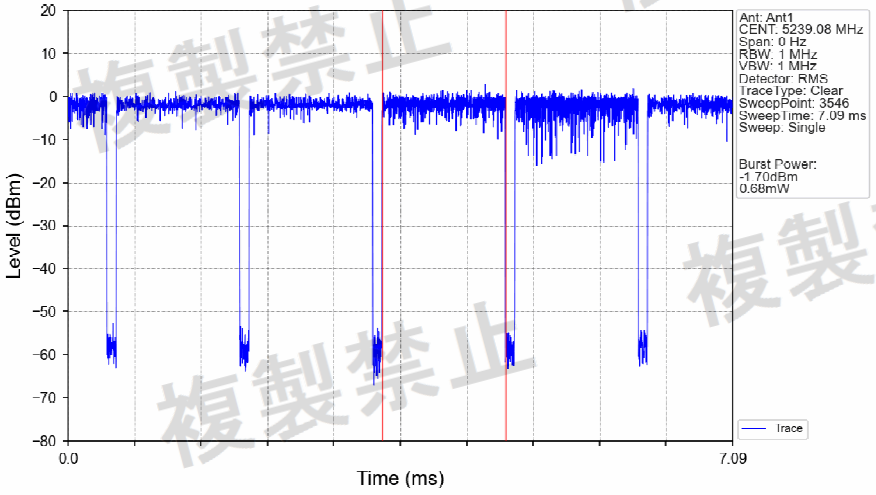


Burst No.	1	2	3	**4**
Length (ms)	1.318	1.318	1.316	**1.318**
Power(dBm)	-2.69	-2.66	-2.64	**-2.58**
Power(mW)	0.538	0.542	0.545	**0.552**
Remark	/	/	/	**Max**

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

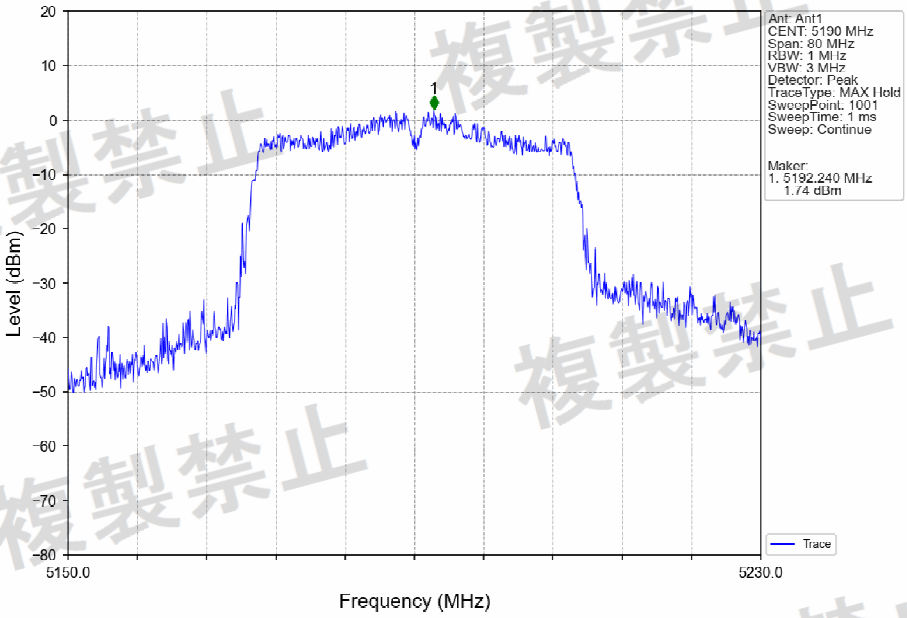


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

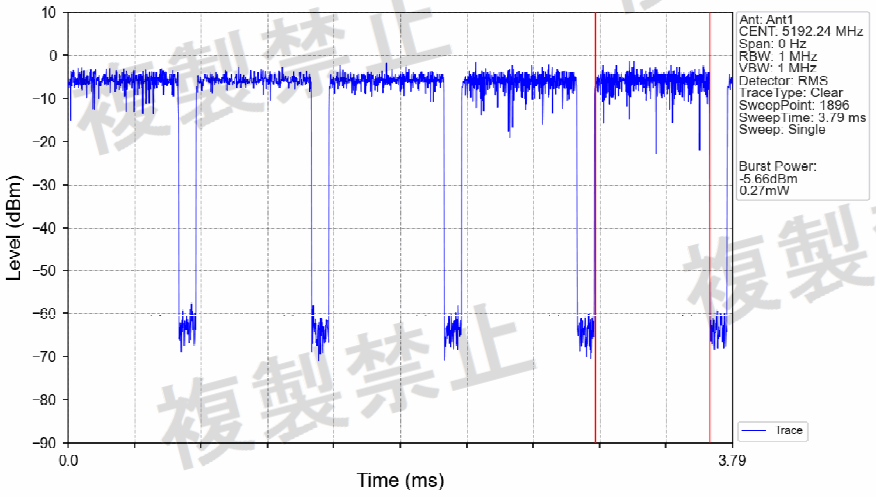


Burst No.	1	2	**3**	4
Length (ms)	1.318	1.318	**1.316**	1.316
Power(dBm)	-1.82	-1.80	**-1.70**	-1.86
Power(mW)	0.657	0.660	**0.677**	0.652
Remark	/	/	**Max**	/

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

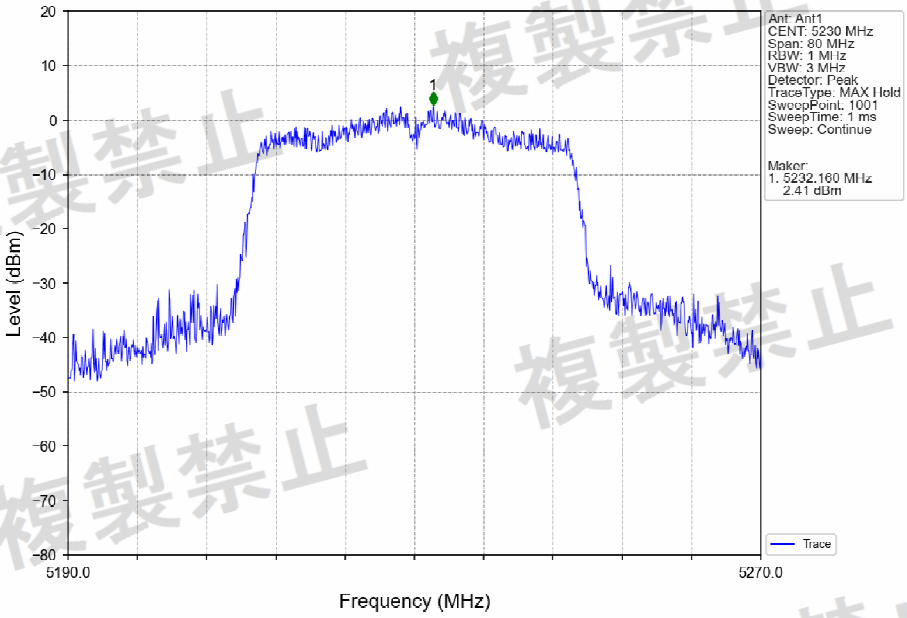


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

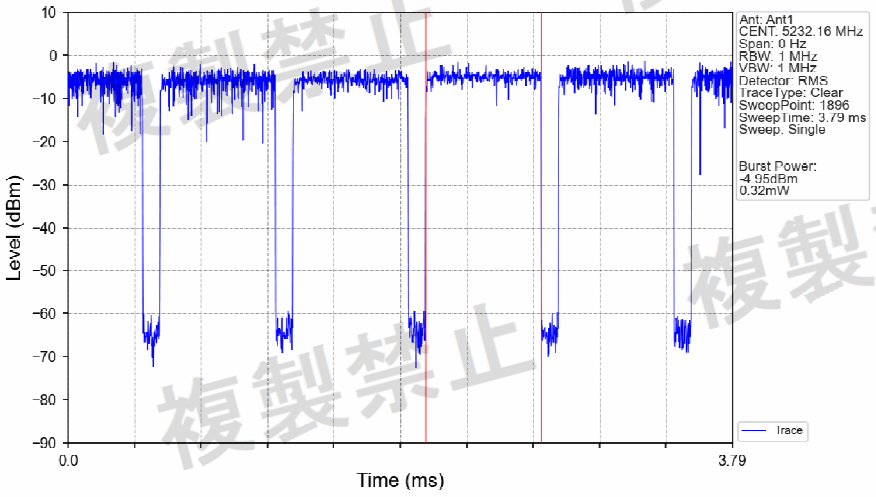


Burst No.	1	2	3	**4**
Length (ms)	0.658	0.658	0.658	**0.658**
Power(dBm)	-5.73	-5.70	-5.79	**-5.66**
Power(mW)	0.267	0.269	0.264	**0.272**
Remark	/	/	/	**Max**

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

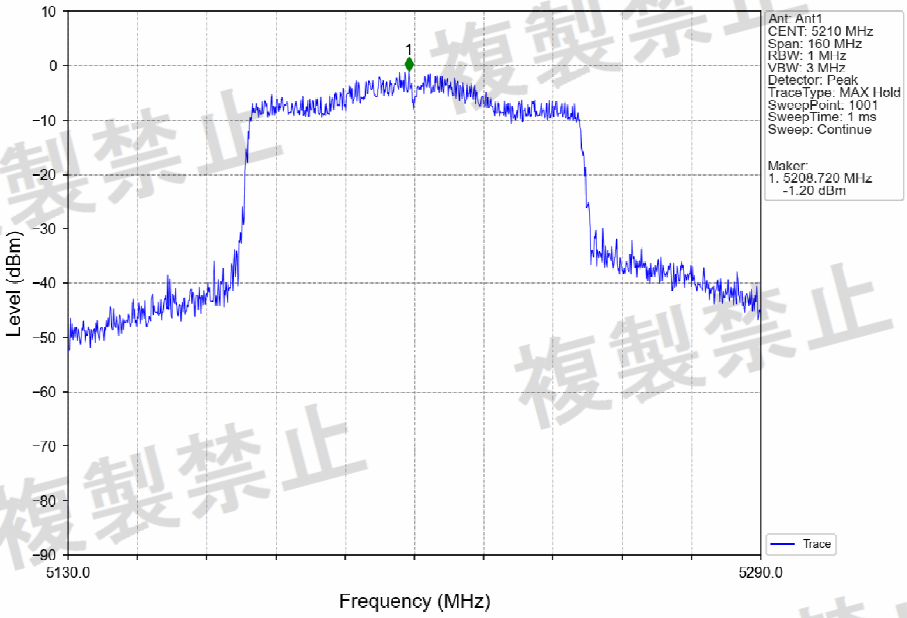


802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

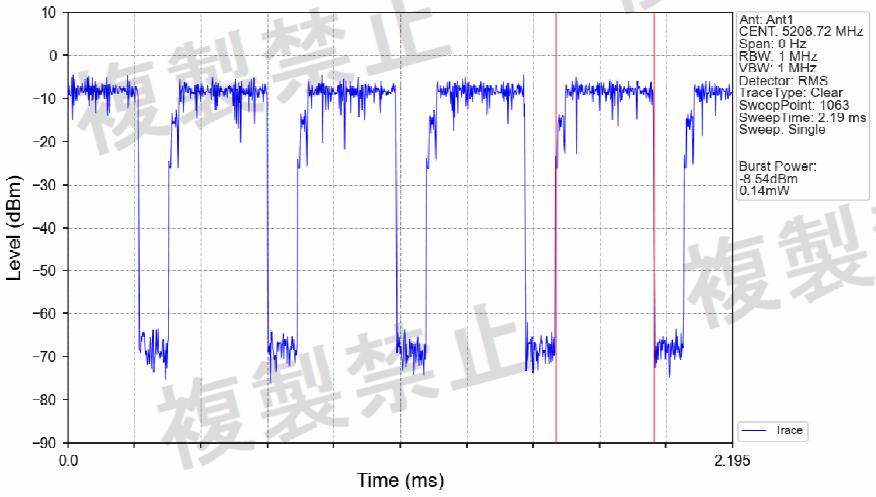


Burst No.	1	2	**3**	4
Length (ms)	0.658	0.658	**0.658**	0.658
Power(dBm)	-5.75	-5.63	**-4.95**	-4.99
Power(mW)	0.266	0.274	**0.320**	0.317
Remark	/	/	**Max**	/

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



Burst No.	1	2	3	**4**
Length (ms)	0.327	0.327	0.327	**0.327**
Power(dBm)	-8.63	-8.65	-8.54	**-8.54**
Power(mW)	0.137	0.136	0.140	**0.140**
Remark	/	/	/	**Max**

4. Adjacent Channel Leakage Power

4.1 Test Result

4.1.1 ACLR_NTNV_SISO

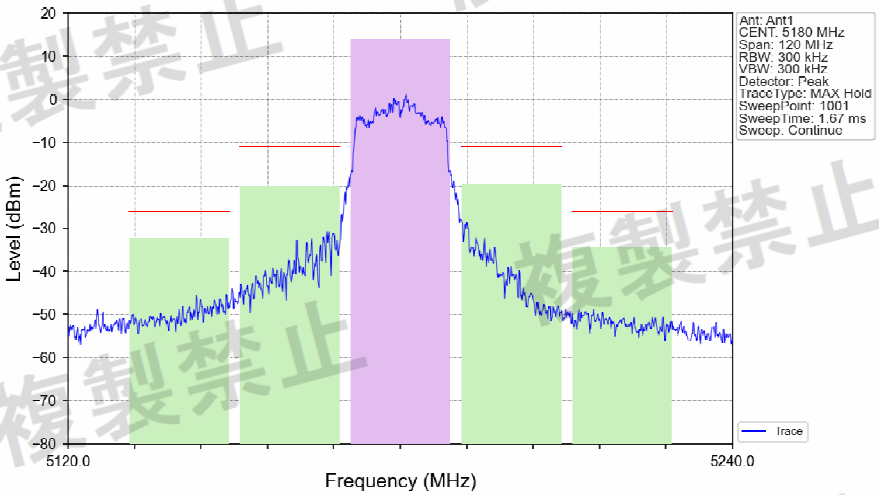
NTNV									
Mode	TX Type	Frequency (MHz)	ANT	Offset (MHz)	Integ BW (MHz)	Power (dBm)	Result (dBc)	Limit (dBc)	Verdict
802.11a	SISO	5180	1	-40	18	-32.36	-46.33	<=-40	Pass
				-20	18	-20.05	-34.02	<=-25	Pass
				0	18	13.97	/	/	/
				20	18	-19.73	-33.70	<=-25	Pass
				40	18	-34.36	-48.33	<=-40	Pass
		5200	1	-40	18	-32.69	-46.68	<=-40	Pass
				-20	18	-21.05	-35.04	<=-25	Pass
				0	18	13.99	/	/	/
				20	18	-19.62	-33.61	<=-25	Pass
				40	18	-34.62	-48.61	<=-40	Pass
		5240	1	-40	18	-33.54	-48.02	<=-40	Pass
				-20	18	-22.13	-36.61	<=-25	Pass
				0	18	14.48	/	/	/
				20	18	-21.68	-36.16	<=-25	Pass
				40	18	-35.57	-50.05	<=-40	Pass
802.11n (HT20)	SISO	5180	1	-40	18	-35.33	-47.81	<=-40	Pass
				-20	18	-24.86	-37.34	<=-25	Pass
				0	18	12.48	/	/	/
				20	18	-22.33	-34.81	<=-25	Pass
				40	18	-36.75	-49.23	<=-40	Pass
		5200	1	-40	18	-35.47	-47.66	<=-40	Pass
				-20	18	-24.79	-36.98	<=-25	Pass
				0	18	12.19	/	/	/
				20	18	-22.18	-34.37	<=-25	Pass
				40	18	-36.54	-48.73	<=-40	Pass
		5240	1	-40	18	-35.53	-48.36	<=-40	Pass
				-20	18	-24.50	-37.33	<=-25	Pass
				0	18	12.83	/	/	/
				20	18	-24.18	-37.01	<=-25	Pass
				40	18	-37.11	-49.94	<=-40	Pass
802.11ac (VHT20)	SISO	5180	1	-40	18	-35.35	-47.70	<=-40	Pass
				-20	18	-25.57	-37.92	<=-25	Pass
				0	18	12.35	/	/	/
				20	18	-21.65	-34.00	<=-25	Pass
				40	18	-36.53	-48.88	<=-40	Pass
		5200	1	-40	18	-35.52	-48.03	<=-40	Pass
				-20	18	-25.70	-38.21	<=-25	Pass
				0	18	12.51	/	/	/
				20	18	-22.79	-35.30	<=-25	Pass
				40	18	-36.79	-49.30	<=-40	Pass
		5240	1	-40	18	-35.21	-48.42	<=-40	Pass
				-20	18	-25.96	-39.17	<=-25	Pass
				0	18	13.21	/	/	/
				20	18	-23.87	-37.08	<=-25	Pass
				40	18	-36.89	-50.10	<=-40	Pass

802.11ac (VHT40)	SISO	5190	1	-80	40	-36.02	-48.46	<=-40	Pass
				-40	40	-27.37	-39.81	<=-25	Pass
				0	40	12.44	/	/	/
				40	40	-20.38	-32.82	<=-25	Pass
				80	40	-37.32	-49.76	<=-40	Pass
		5230	1	-80	40	-35.54	-48.31	<=-40	Pass
				-40	40	-25.38	-38.15	<=-25	Pass
				0	40	12.77	/	/	/
				40	40	-21.79	-34.56	<=-25	Pass
				80	40	-37.68	-50.45	<=-40	Pass
802.11ac (VHT80)	SISO	5210	1	-80	80	-26.99	-39.42	<=-25	Pass
				0	80	12.43	/	/	/
				80	80	-21.44	-33.87	<=-25	Pass

4.2 Test Graph

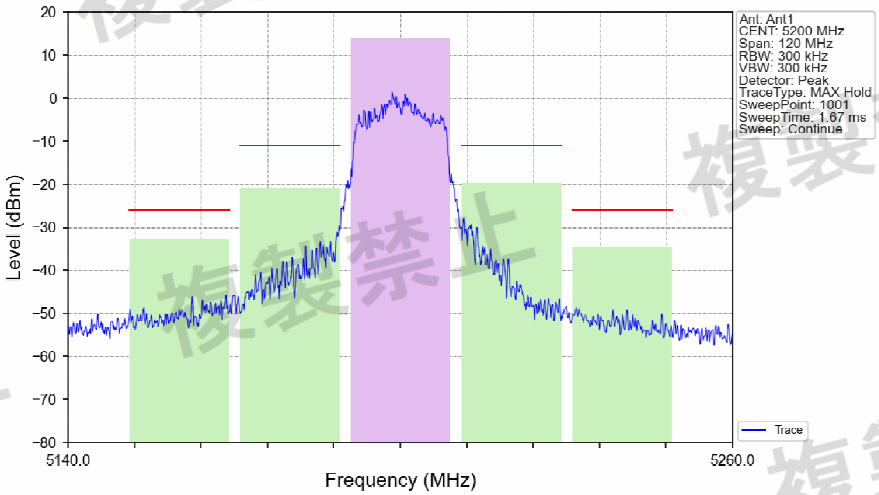
4.2.1 ACLR_NTNV_SISO

802.11a_LCH_5180MHz_Ant1_NTNV



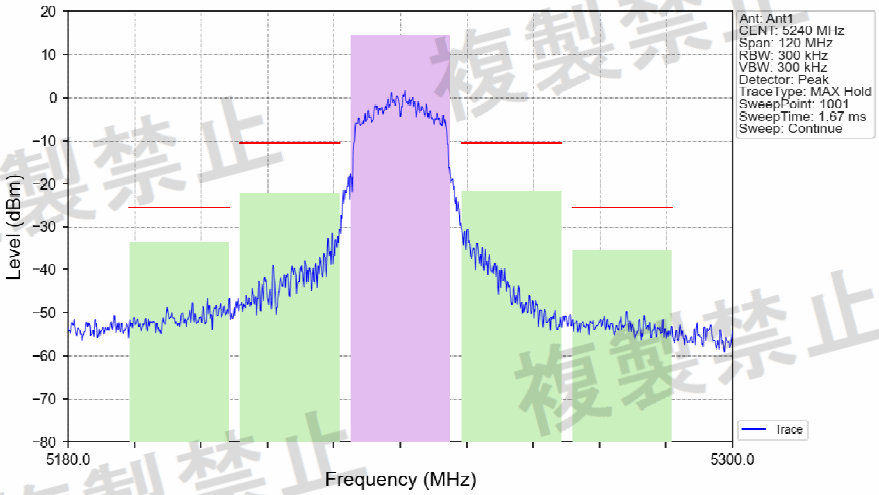
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-32.36	-46.33	-40	6.33	Pass
Adjacent	-20	18.00	-20.05	-34.02	-25	9.02	Pass
Carrier	/	18.00	13.97	/	/	/	/
Adjacent	20	18.00	-19.73	-33.70	-25	8.70	Pass
Alternate	40	18.00	-34.36	-48.33	-40	8.33	Pass

802.11a_MCH_5200MHz_Ant1_NTNV



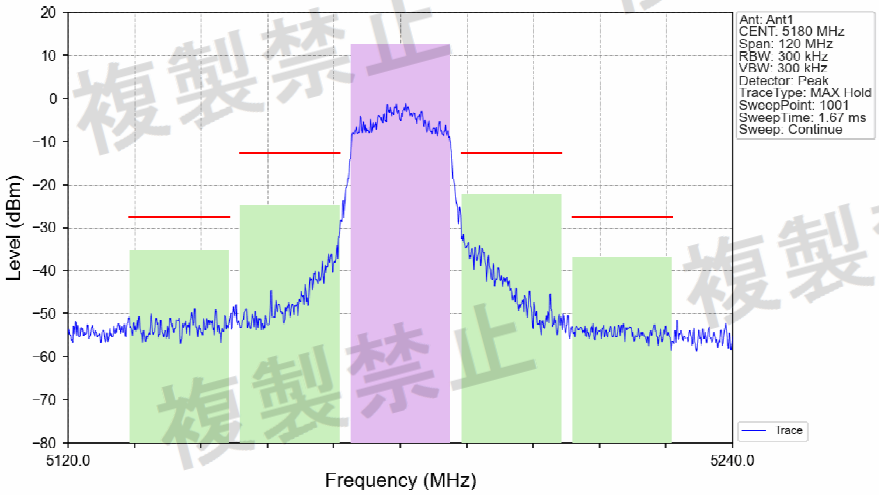
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-32.69	-46.68	-40	6.68	Pass
Adjacent	-20	18.00	-21.05	-35.04	-25	10.04	Pass
Carrier	/	18.00	13.99	/	/	/	/
Adjacent	20	18.00	-19.62	-33.61	-25	8.61	Pass
Alternate	40	18.00	-34.62	-48.61	-40	8.61	Pass

802.11a_HCH_5240MHz_Ant1_NTNV



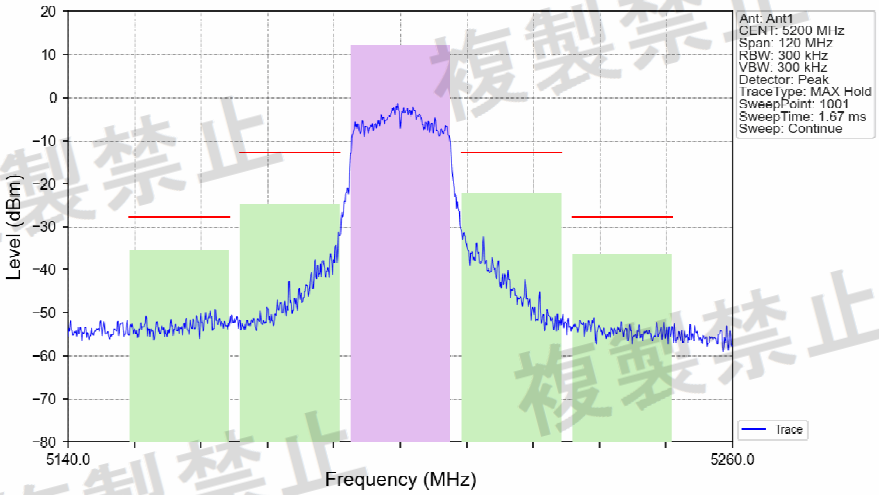
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-33.54	-48.02	-40	8.02	Pass
Adjacent	-20	18.00	-22.13	-36.61	-25	11.61	Pass
Carrier	/	18.00	14.48	/	/	/	/
Adjacent	20	18.00	-21.68	-36.16	-25	11.16	Pass
Alternate	40	18.00	-35.57	-50.05	-40	10.05	Pass

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



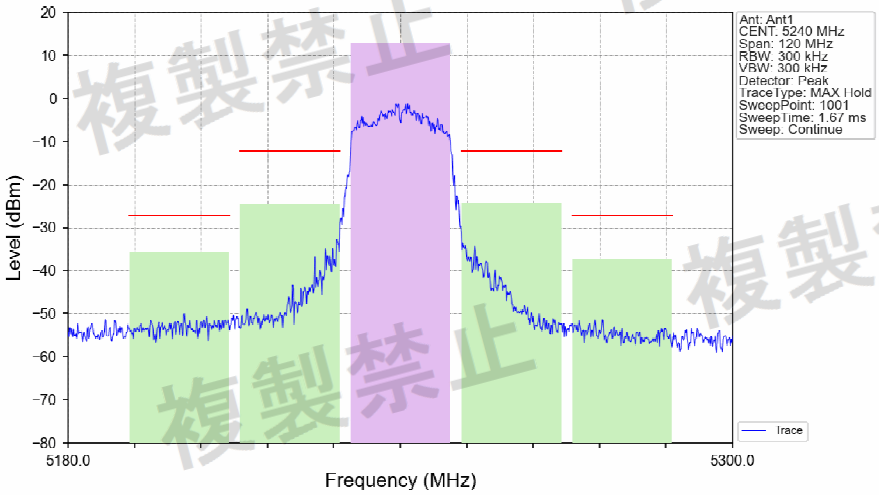
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.33	-47.81	-40	7.81	Pass
Adjacent	-20	18.00	-24.86	-37.34	-25	12.34	Pass
Carrier	/	18.00	12.48	/	/	/	/
Adjacent	20	18.00	-22.33	-34.81	-25	9.81	Pass
Alternate	40	18.00	-36.75	-49.23	-40	9.23	Pass

802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



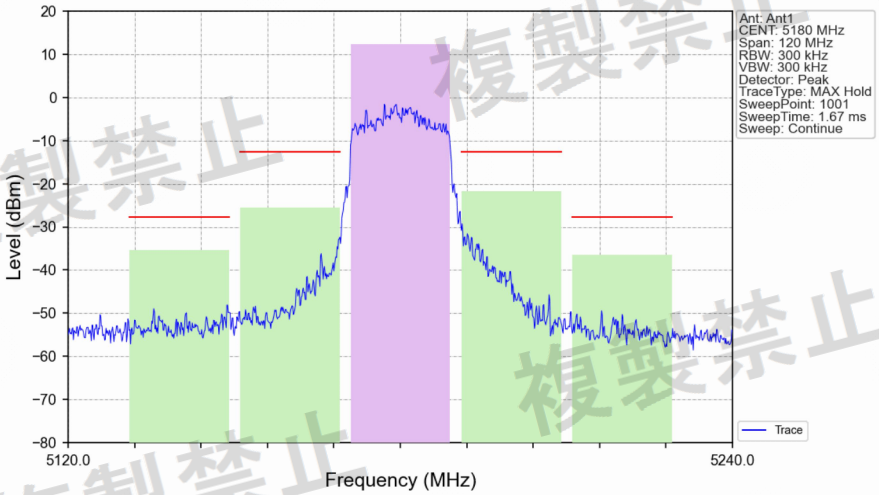
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.47	-47.66	-40	7.66	Pass
Adjacent	-20	18.00	-24.79	-36.98	-25	11.98	Pass
Carrier	/	18.00	12.19	/	/	/	/
Adjacent	20	18.00	-22.18	-34.37	-25	9.37	Pass
Alternate	40	18.00	-36.54	-48.73	-40	8.73	Pass

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



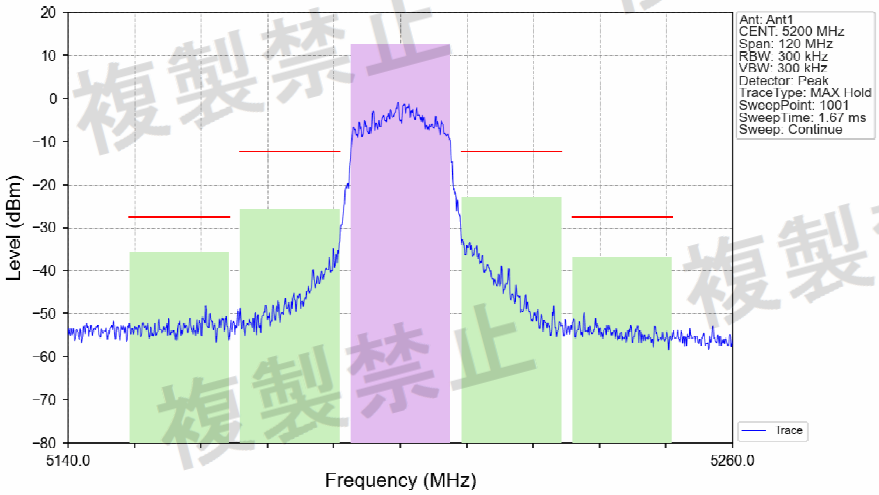
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.53	-48.36	-40	8.36	Pass
Adjacent	-20	18.00	-24.50	-37.33	-25	12.33	Pass
Carrier	/	18.00	12.83	/	/	/	/
Adjacent	20	18.00	-24.18	-37.01	-25	12.01	Pass
Alternate	40	18.00	-37.11	-49.94	-40	9.94	Pass

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



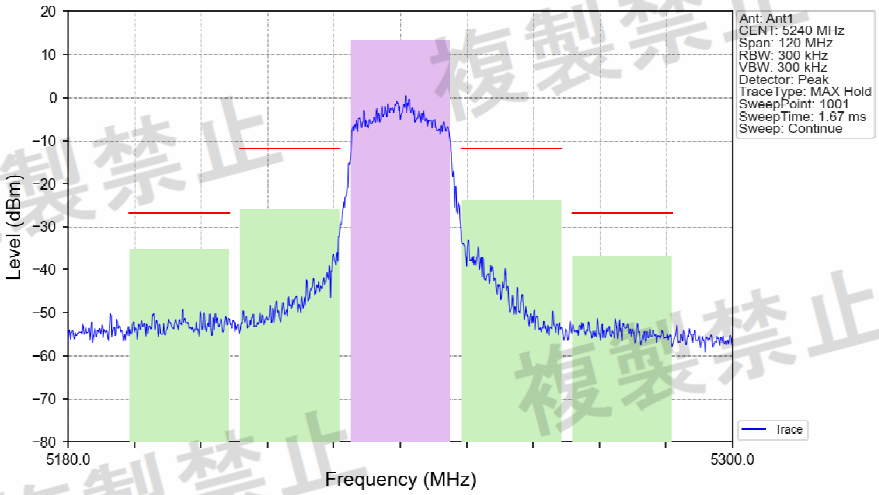
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.35	-47.70	-40	7.70	Pass
Adjacent	-20	18.00	-25.57	-37.92	-25	12.92	Pass
Carrier	/	18.00	12.35	/	/	/	/
Adjacent	20	18.00	-21.65	-34.00	-25	9.00	Pass
Alternate	40	18.00	-36.53	-48.88	-40	8.88	Pass

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



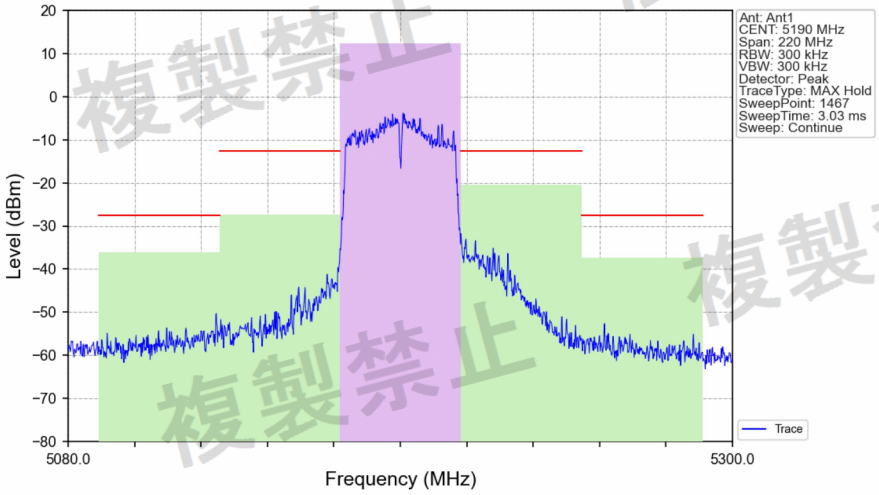
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.52	-48.03	-40	8.03	Pass
Adjacent	-20	18.00	-25.70	-38.21	-25	13.21	Pass
Carrier	/	18.00	12.51	/	/	/	/
Adjacent	20	18.00	-22.79	-35.30	-25	10.30	Pass
Alternate	40	18.00	-36.79	-49.30	-40	9.30	Pass

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



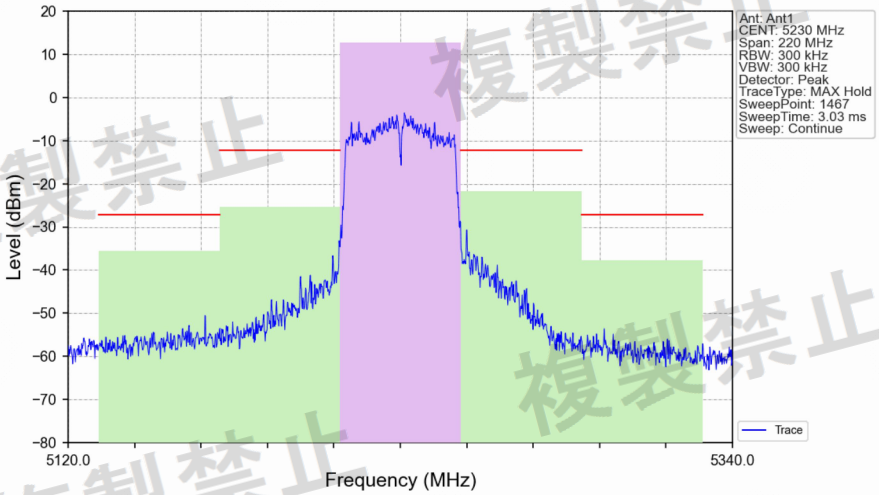
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.21	-48.42	-40	8.42	Pass
Adjacent	-20	18.00	-25.96	-39.17	-25	14.17	Pass
Carrier	/	18.00	13.21	/	/	/	/
Adjacent	20	18.00	-23.87	-37.08	-25	12.08	Pass
Alternate	40	18.00	-36.89	-50.10	-40	10.10	Pass

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



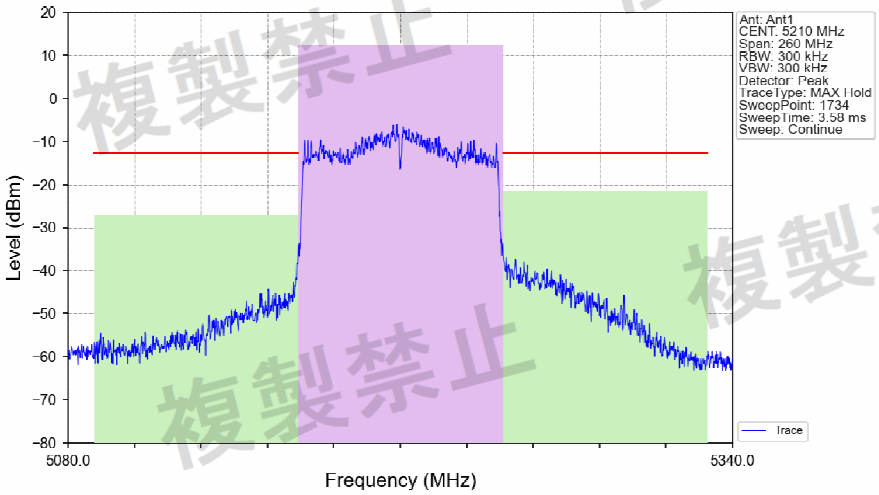
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-36.02	-48.46	-40	8.46	Pass
Adjacent	-40	40.00	-27.37	-39.81	-25	14.81	Pass
Carrier	/	40.00	12.44	/	/	/	/
Adjacent	40	40.00	-20.38	-32.82	-25	7.82	Pass
Alternate	80	40.00	-37.32	-49.76	-40	9.76	Pass

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-35.54	-48.31	-40	8.31	Pass
Adjacent	-40	40.00	-25.38	-38.15	-25	13.15	Pass
Carrier	/	40.00	12.77	/	/	/	/
Adjacent	40	40.00	-21.79	-34.56	-25	9.56	Pass
Alternate	80	40.00	-37.68	-50.45	-40	10.45	Pass

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Adjacent	-80	80.00	-26.99	-39.42	-25	14.42	Pass
Carrier	/	80.00	12.43	/	/	/	/
Adjacent	80	80.00	-21.44	-33.87	-25	8.87	Pass

5. Out Of Bands Leakage Power

5.1 Test Result

5.1.1 OOB_NTNV_SISO

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK EIRP (dBm /MHz)	PK EIRP (uW /MHz)	AV EIRP (dBm /MHz)	AV EIRP (uW /MHz)		
802.11a	SISO	5180	1	5142	5150	5148.64	-31.10	0.776	/	/	15	Pass
				5250	5251	5250.989	-42.67	0.054	/	/	102.565	Pass
				5251	5260	5259.865	-44.08	0.039	/	/	16.293	Pass
				5260	5266.7	5266.378	-44.26	0.037	/	/	2.72	Pass
		5200	1	5142	5150	5145.808	-40.18	0.096	/	/	15	Pass
				5250	5251	5250.998	-40.57	0.088	/	/	100.462	Pass
				5251	5260	5259.478	-41.87	0.065	/	/	17.636	Pass
				5260	5266.7	5266.606	-43.64	0.043	/	/	2.554	Pass
		5240	1	5142	5150	5148.36	-42.32	0.059	/	/	15	Pass
				5250	5251	5250.94	-11.21	75.683	/	/	114.815	Pass
				5251	5260	5251.261	-14.76	33.420	/	/	94.798	Pass
				5260	5266.7	5265.836	-33.99	0.399	/	/	3.16	Pass
802.11n (HT20)	SISO	5180	1	5142	5150	5149.208	-35.50	0.282	/	/	15	Pass
				5250	5251	5251	-43.07	0.049	/	/	100	Pass
				5251	5260	5259.586	-43.86	0.041	/	/	17.25	Pass
				5260	5266.7	5266.11	-43.69	0.043	/	/	2.93	Pass
		5200	1	5142	5150	5149.968	-41.45	0.072	/	/	15	Pass
				5250	5251	5250.917	-41.52	0.070	/	/	121.06	Pass
				5251	5260	5259.739	-43.10	0.049	/	/	16.719	Pass
				5260	5266.7	5266.338	-43.14	0.049	/	/	2.751	Pass
		5240	1	5142	5150	5144.12	-42.32	0.059	/	/	15	Pass
				5250	5251	5250.717	-7.40	181.970	/	/	191.867	Pass
				5251	5260	5251	-14.41	36.224	/	/	100	Pass
				5260	5266.7	5262.298	-29.90	1.023	/	/	8.399	Pass
802.11ac (VHT20)	SISO	5180	1	5142	5150	5145.832	-36.21	0.239	/	/	15	Pass
				5250	5251	5250.95	-42.69	0.054	/	/	112.202	Pass
				5251	5260	5259.298	-43.78	0.042	/	/	18.298	Pass
				5260	5266.7	5266.626	-43.63	0.043	/	/	2.54	Pass
		5200	1	5142	5150	5145.36	-41.55	0.070	/	/	15	Pass
				5250	5251	5250.902	-41.11	0.077	/	/	125.314	Pass
				5251	5260	5259.721	-43.90	0.041	/	/	16.78	Pass
				5260	5266.7	5265.662	-42.98	0.050	/	/	3.316	Pass
		5240	1	5142	5150	5145.32	-42.37	0.058	/	/	15	Pass
				5250	5251	5250.832	-8.59	138.357	/	/	147.231	Pass
				5251	5260	5251.054	-14.54	35.156	/	/	98.901	Pass
				5260	5266.7	5263.826	-33.25	0.473	/	/	5.507	Pass
802.11ac (VHT40)	SISO	5190	1	5141.6	5150	5149.488	-34.74	0.336	/	/	15	Pass
				5250	5251	5250.97	-40.05	0.099	/	/	53.576	Pass
				5251	5270	5266.276	-44.24	0.038	/	/	11.37	Pass
				5270	5278.4	5276.754	-45.75	0.027	/	/	3.117	Pass
		5230	1	5141.6	5150	5149.563	-43.10	0.049	/	/	15	Pass
				5250	5251	5250.919	-15.56	27.797	/	/	60.252	Pass
				5251	5270	5257.308	-22.52	5.598	/	/	27.125	Pass

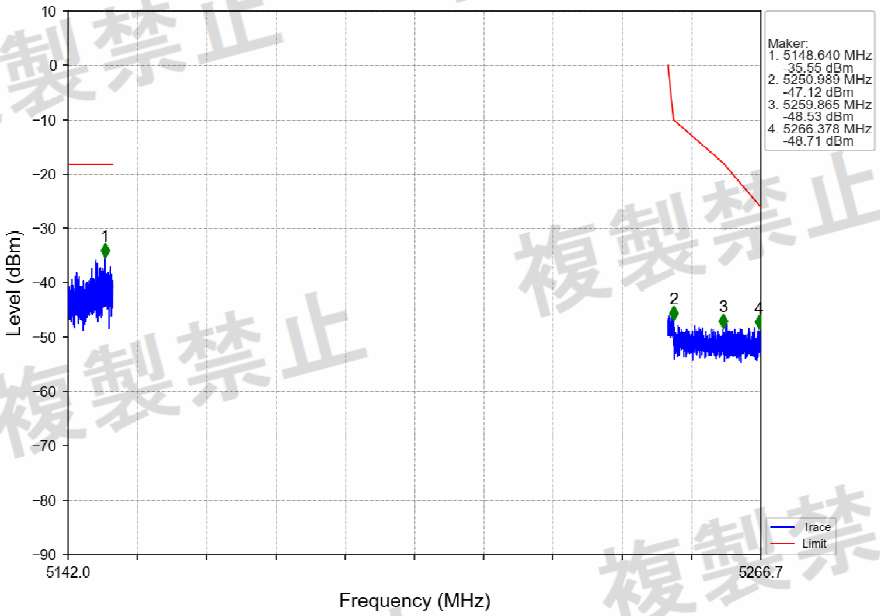
				5270	5278.4	5273.763	-33.68	0.429	/	/	4.712	Pass
802.11ac (VHT80)	SISO	5210	1	5123.2	5150	5146.838	-36.70	0.214	/	/	15	Pass
				5250	5251	5250.922	-20.66	8.590	/	/	29.919	Pass
				5251	5290	5257.63	-25.55	2.786	/	/	18.278	Pass
				5290	5296.7	5295.735	-36.44	0.227	/	/	2.666	Pass

複製禁止

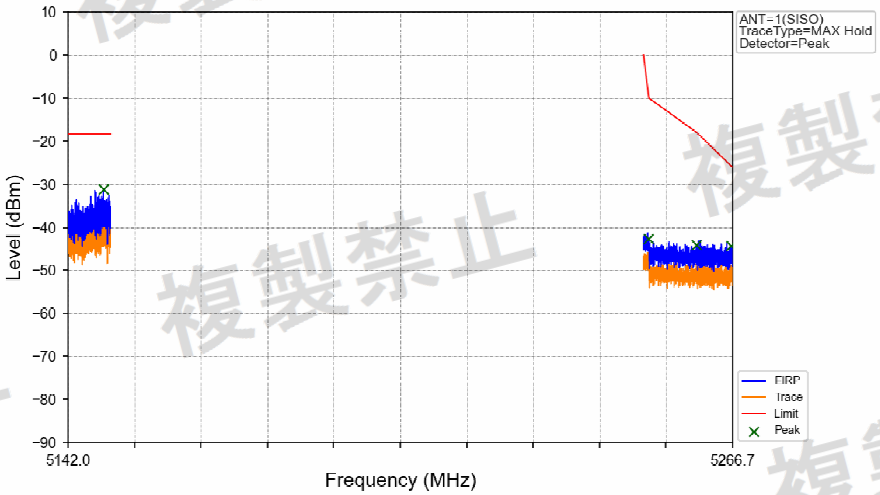
5.2 Test Graph

5.2.1 OOB_NTNV_SISO

802.11a_LCH_5180MHz_Ant1_NTNV

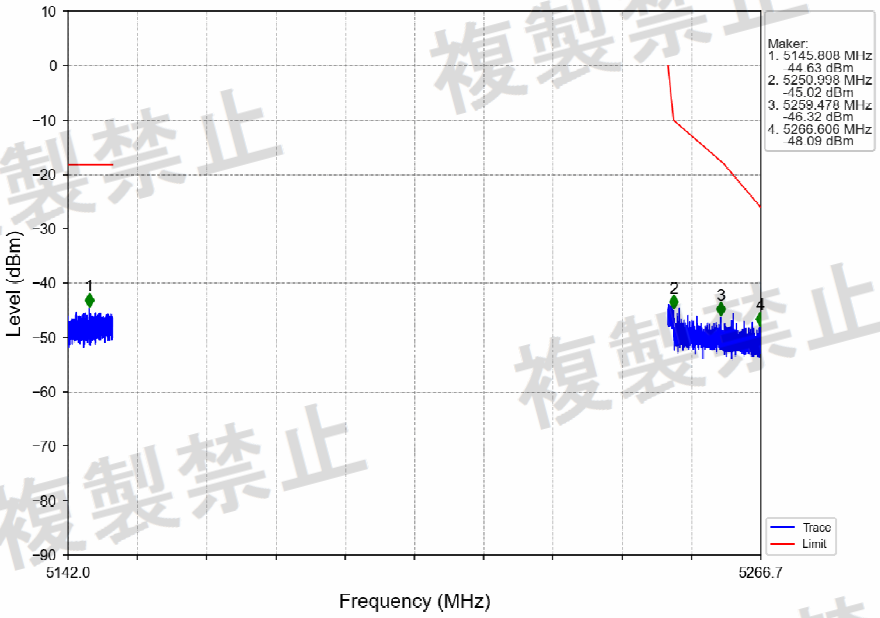


802.11a_LCH_5180MHz_Ant1_NTNV

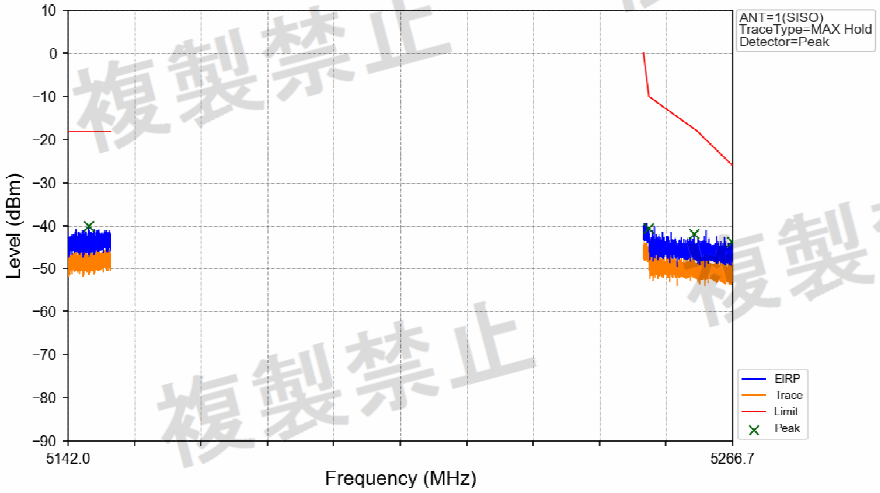


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5148.640	-35.55	/	4.45	-31.10	/	-18.24	Pass
5250	5251	1	1	5250.989	-47.12	/	4.45	-42.67	/	-9.89	Pass
5251	5260	1	1	5259.865	-48.53	/	4.45	-44.08	/	-17.88	Pass
5260	5266.7	1	1	5266.378	-48.71	/	4.45	-44.26	/	-25.65	Pass

802.11a_MCH_5200MHz_Ant1_NTNV

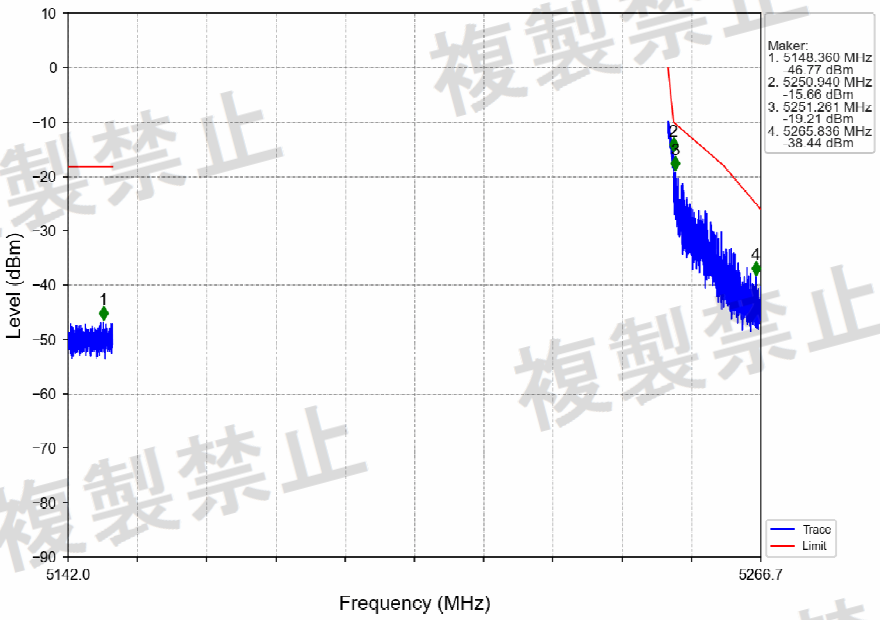


802.11a_MCH_5200MHz_Ant1_NTNV

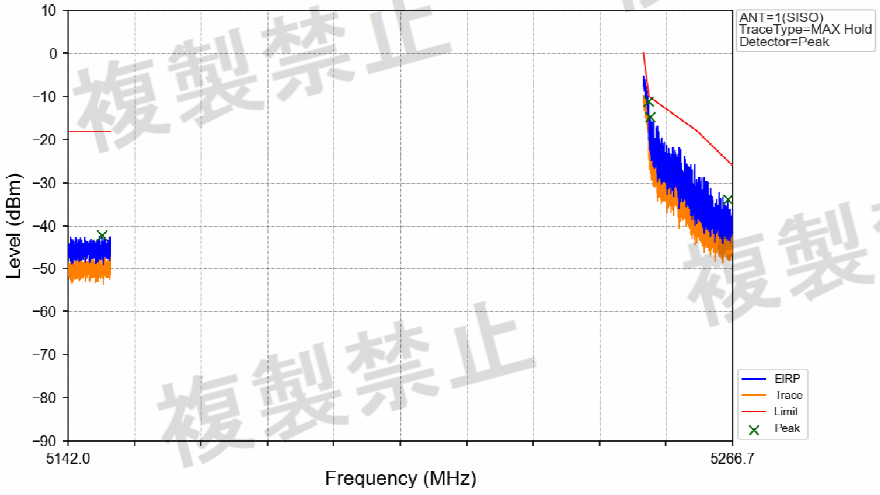


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5145.808	-44.63	/	4.45	-40.18	/	-18.24	Pass
5250	5251	1	1	5250.998	45.02	/	4.45	40.57	/	9.98	Pass
5251	5260	1	1	5259.478	46.32	/	4.45	41.87	/	17.54	Pass
5260	5266.7	1	1	5266.606	48.09	/	4.45	43.64	/	25.93	Pass

802.11a_HCH_5240MHz_Ant1_NTNV

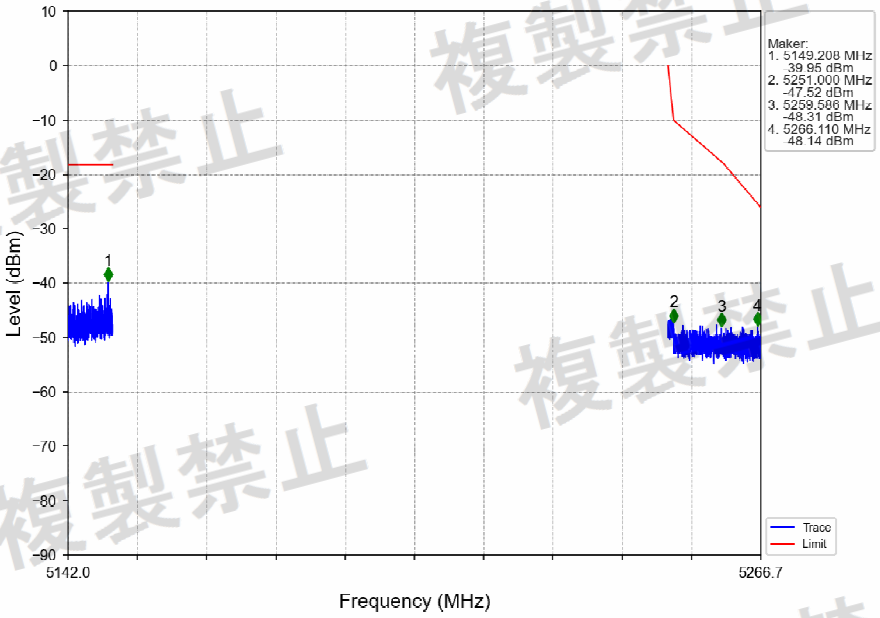


802.11a_HCH_5240MHz_Ant1_NTNV

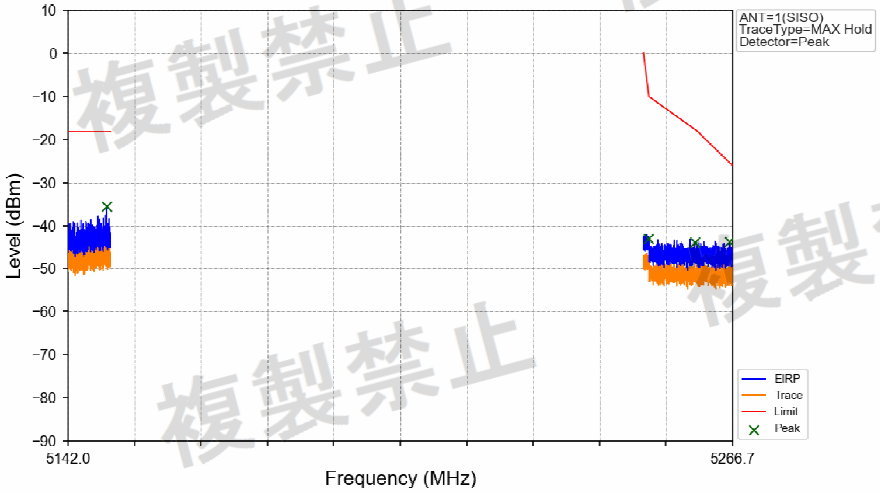


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5148.360	-46.77	/	4.45	-42.32	/	-18.24	Pass
5250	5251	1	1	5250.940	-15.66	/	4.45	-11.21	/	9.4	Pass
5251	5260	1	1	5251.261	-19.21	/	4.45	-14.76	/	-10.23	Pass
5260	5266.7	1	1	5265.836	-38.44	/	4.45	-33.99	/	-25	Pass

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

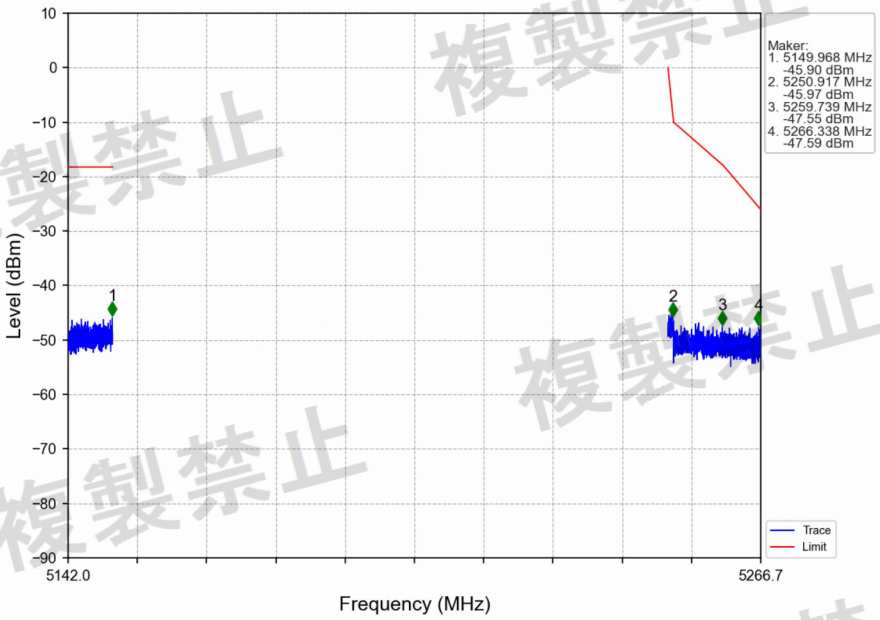


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

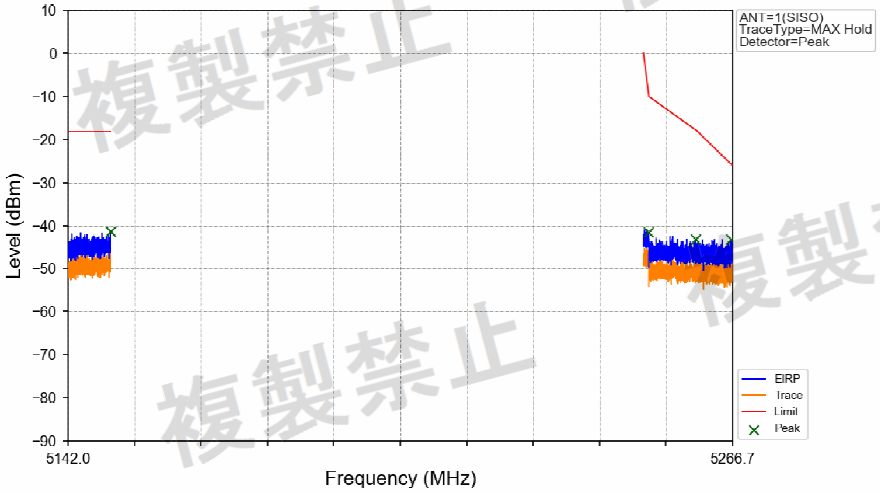


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5149.208	-39.95	/	4.45	-35.50	/	-18.24	Pass
5250	5251	1	1	5251.000	47.52	/	4.45	43.07	/	10	Pass
5251	5260	1	1	5259.586	48.31	/	4.45	43.86	/	17.63	Pass
5260	5266.7	1	1	5266.110	48.14	/	4.45	43.69	/	25.33	Pass

802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

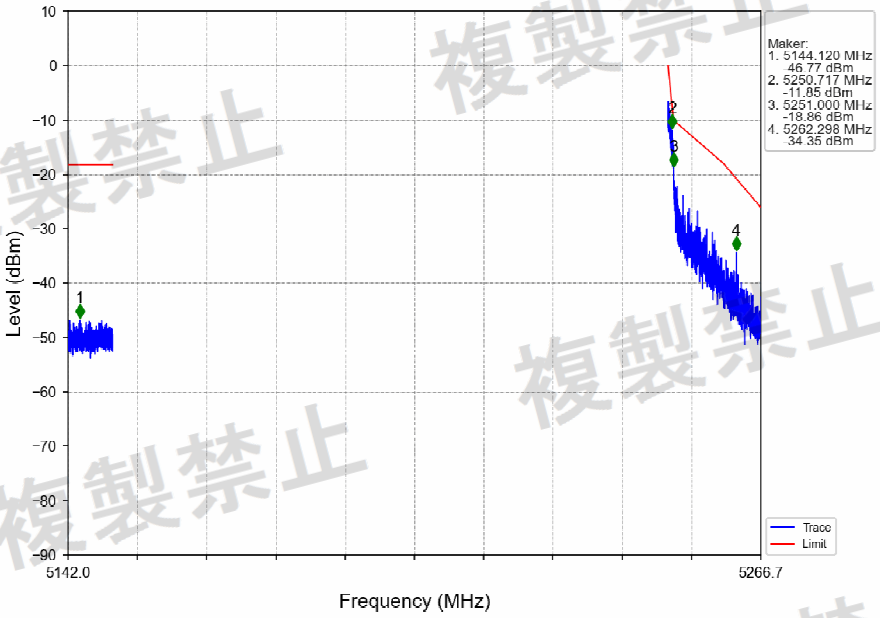


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

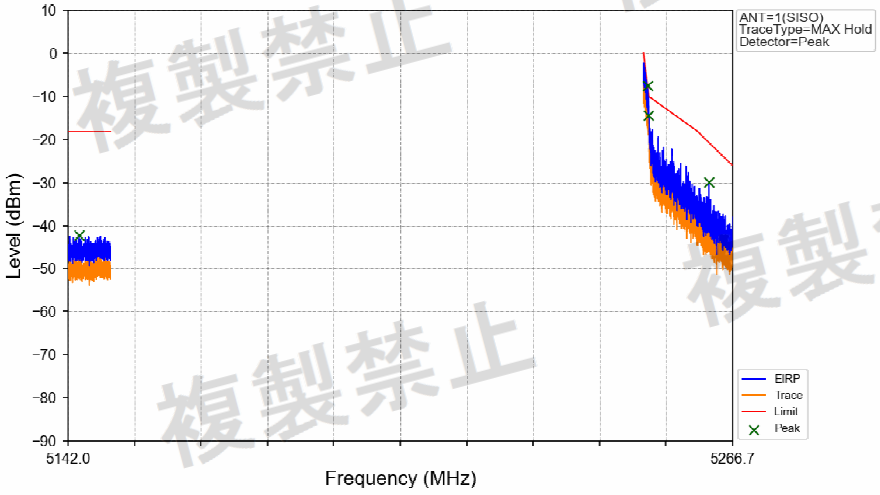


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5149.968	-45.90	/	4.45	-41.45	/	-18.24	Pass
5250	5251	1	1	5250.917	45.97	/	4.45	41.52	/	9.17	Pass
5251	5260	1	1	5259.739	47.55	/	4.45	43.10	/	17.77	Pass
5260	5266.7	1	1	5266.338	47.59	/	4.45	43.14	/	25.61	Pass

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

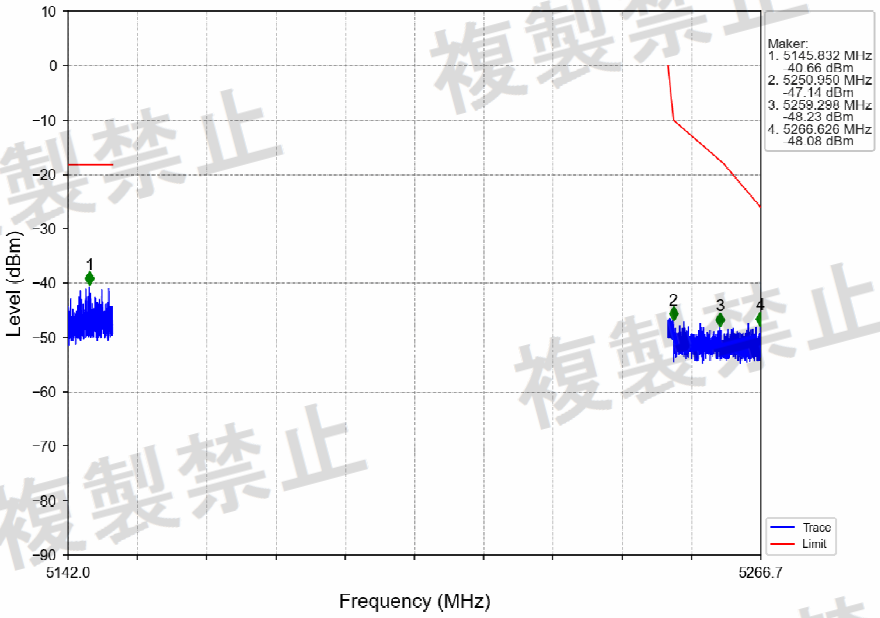


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

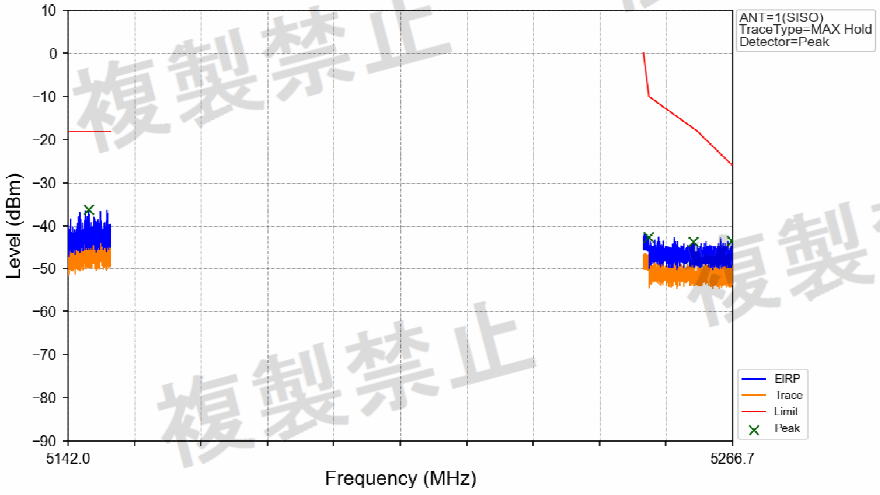


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5144.120	-46.77	/	4.45	-42.32	/	-18.24	Pass
5250	5251	1	1	5250.717	11.85	/	4.45	7.40	/	7.17	Pass
5251	5260	1	1	5251.000	18.86	/	4.45	14.41	/	10	Pass
5260	5266.7	1	1	5262.298	34.35	/	4.45	29.90	/	20.76	Pass

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

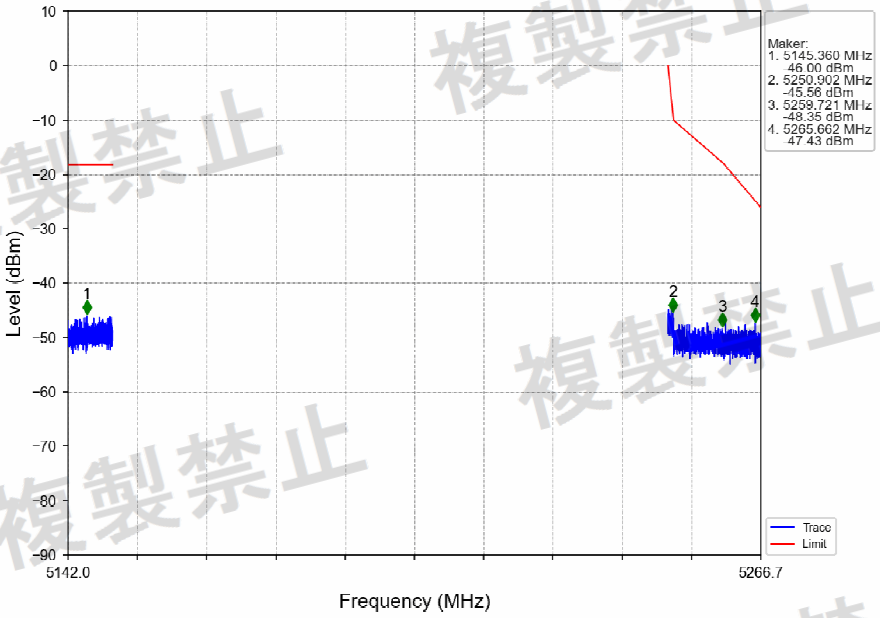


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

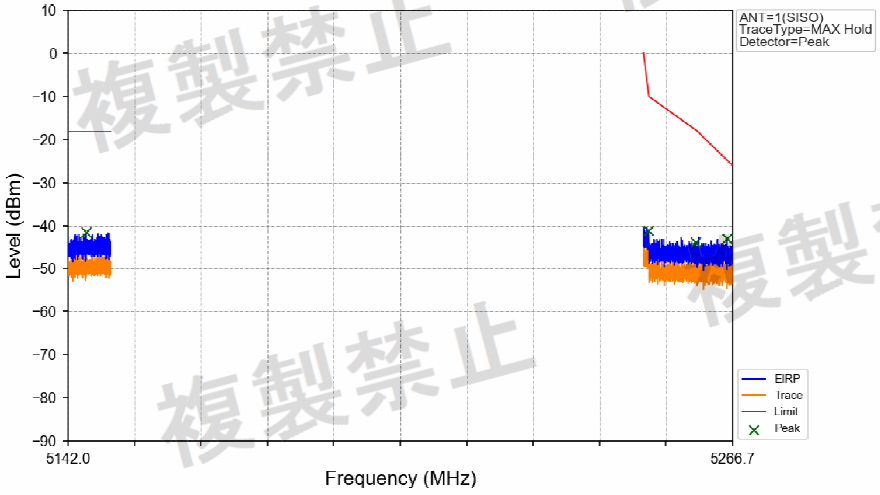


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5145.832	-40.66	/	4.45	-36.21	/	-18.24	Pass
5250	5251	1	1	5250.950	47.14	/	4.45	42.69	/	9.5	Pass
5251	5260	1	1	5259.298	48.23	/	4.45	43.78	/	17.38	Pass
5260	5266.7	1	1	5266.626	48.08	/	4.45	43.63	/	25.95	Pass

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

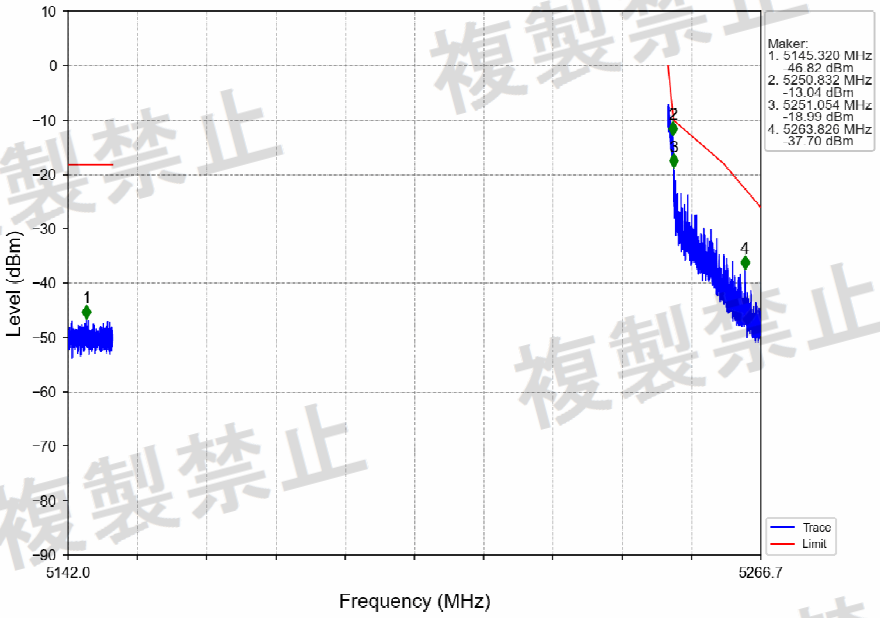


802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

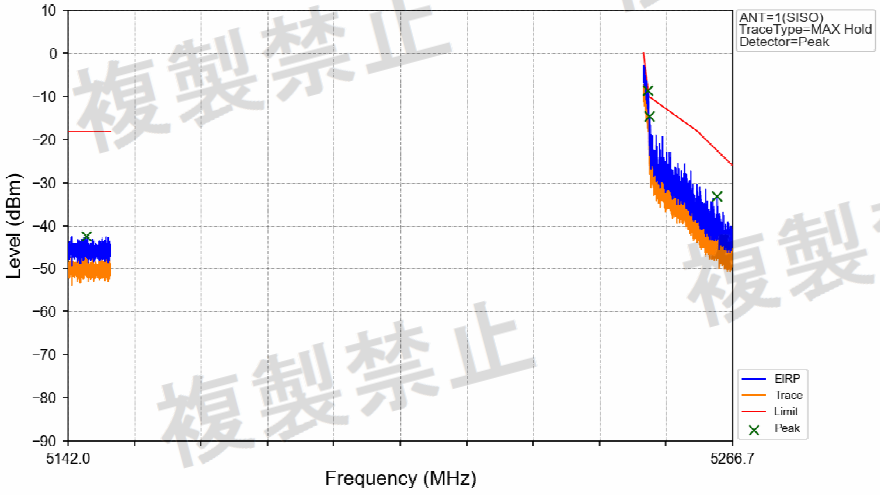


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5145.360	46.00	/	4.45	41.55	/	-18.24	Pass
5250	5251	1	1	5250.902	45.56	/	4.45	41.11	/	9.02	Pass
5251	5260	1	1	5259.721	48.35	/	4.45	43.90	/	17.75	Pass
5260	5266.7	1	1	5265.662	47.43	/	4.45	42.98	/	24.79	Pass

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

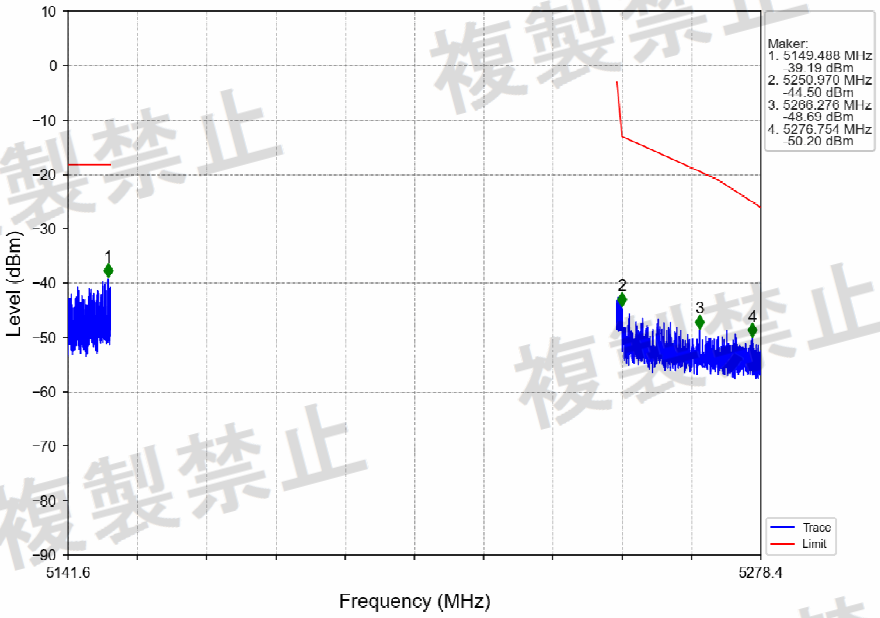


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

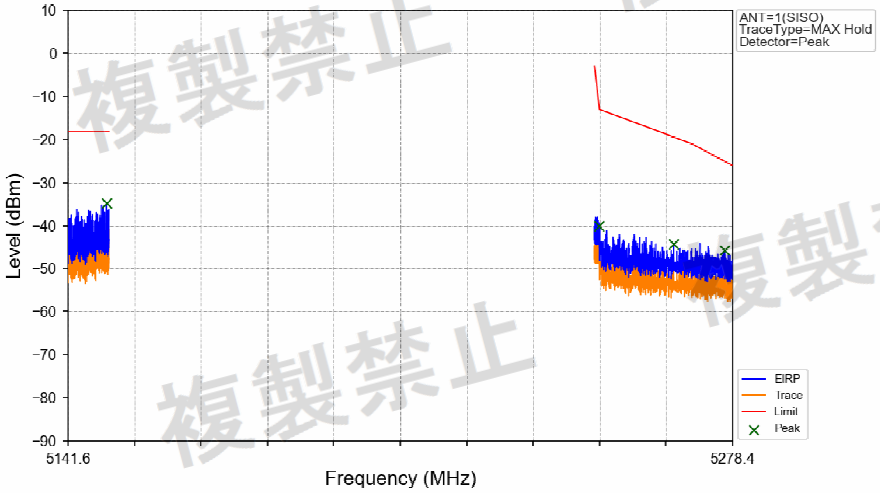


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5142	5150	1	1	5145.320	-46.82	/	4.45	-42.37	/	-18.24	Pass
5250	5251	1	1	5250.832	13.04	/	4.45	8.59	/	8.32	Pass
5251	5260	1	1	5251.054	18.99	/	4.45	14.54	/	10.05	Pass
5260	5266.7	1	1	5263.826	-37.70	/	4.45	-33.25	/	-22.59	Pass

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

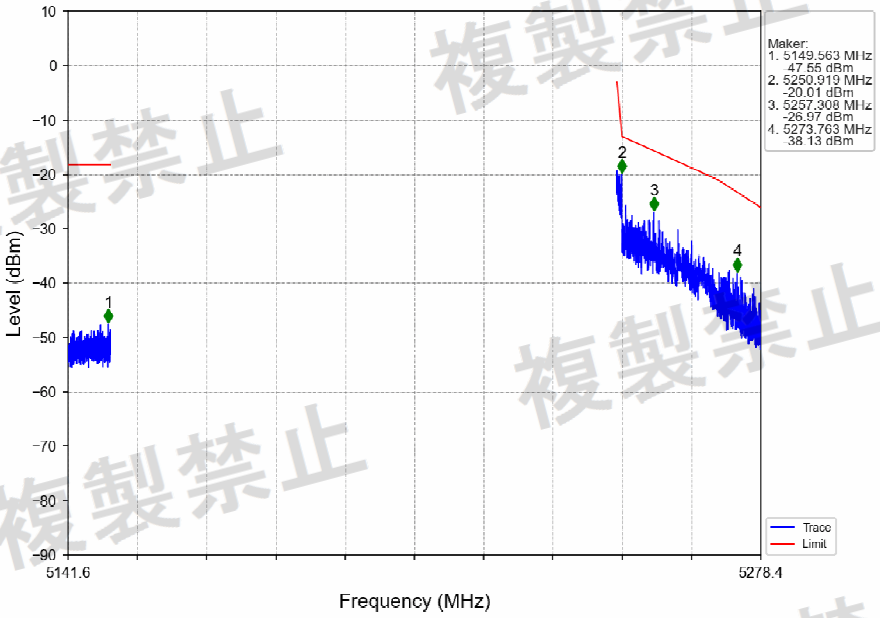


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

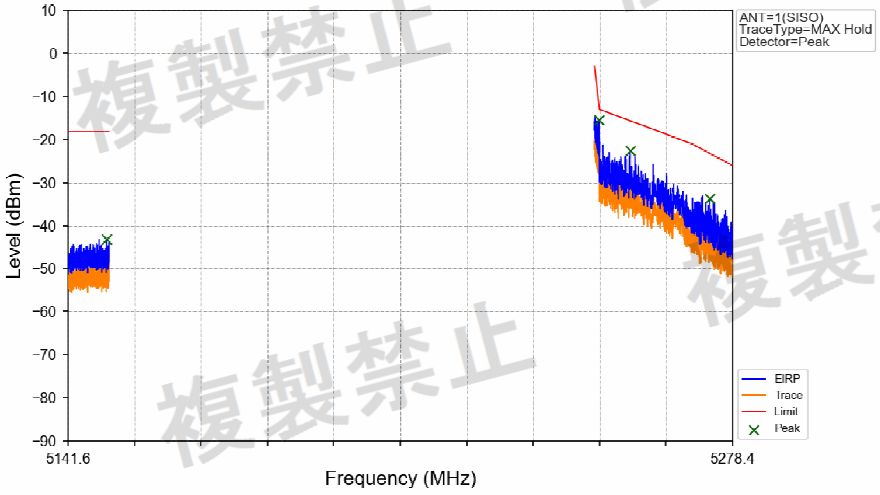


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5141.6	5150	1	1	5149.488	-39.19	/	4.45	-34.74	/	-18.24	Pass
5250	5251	1	1	5250.970	44.50	/	4.45	40.05	/	12.71	Pass
5251	5270	1	1	5266.276	48.69	/	4.45	44.24	/	19.44	Pass
5270	5278.4	1	1	5276.754	50.20	/	4.45	45.75	/	25.06	Pass

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

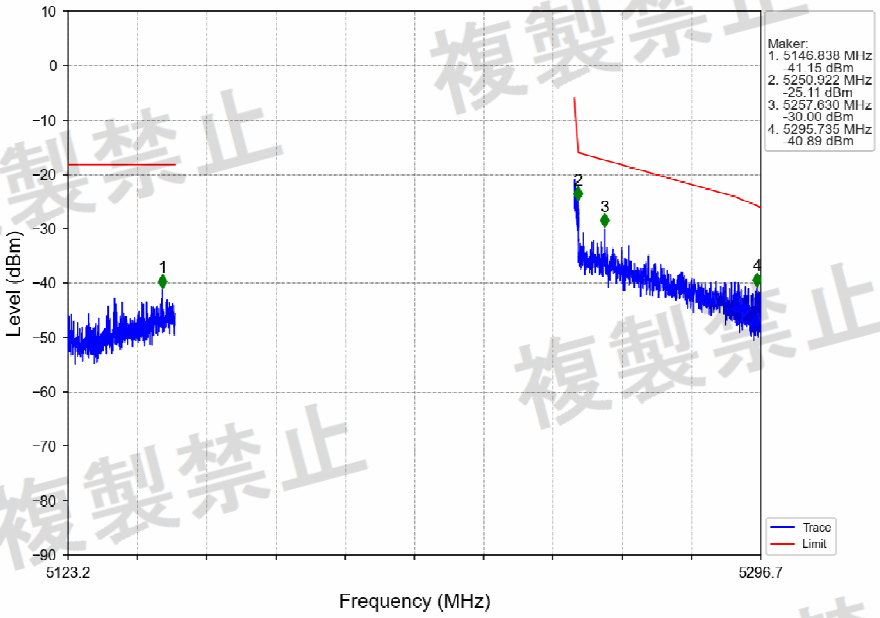


802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

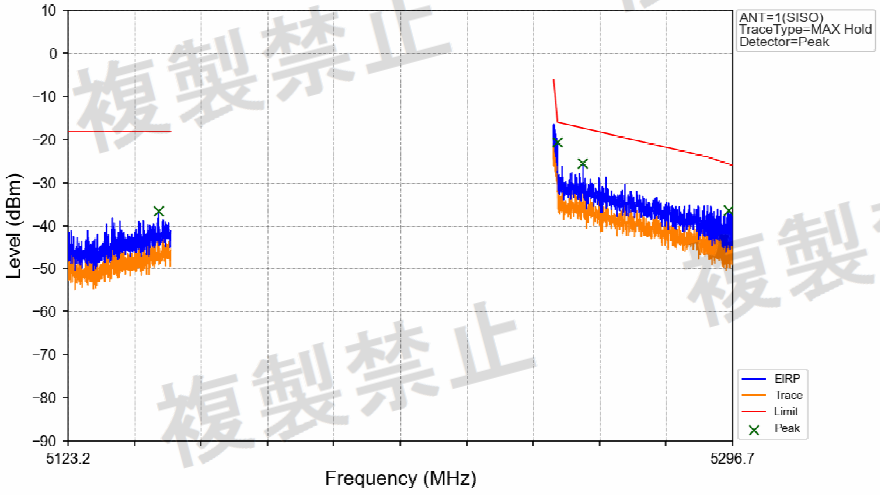


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5141.6	5150	1	1	5149.563	-47.55	/	4.45	-43.10	/	-18.24	Pass
5250	5251	1	1	5250.919	20.01	/	4.45	15.56	/	12.2	Pass
5251	5270	1	1	5257.308	26.97	/	4.45	22.52	/	15.67	Pass
5270	5278.4	1	1	5273.763	38.13	/	4.45	33.68	/	23.27	Pass

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5123.2	5150	1	1	5146.838	-41.15	/	4.45	-36.70	/	-18.24	Pass
5250	5251	1	1	5250.922	25.11	/	4.45	20.66	/	15.24	Pass
5251	5290	1	1	5257.630	30.00	/	4.45	25.55	/	17.38	Pass
5290	5296.7	1	1	5295.735	40.89	/	4.45	36.44	/	25.74	Pass

6. Transmission Burst Length

6.1 Test Result

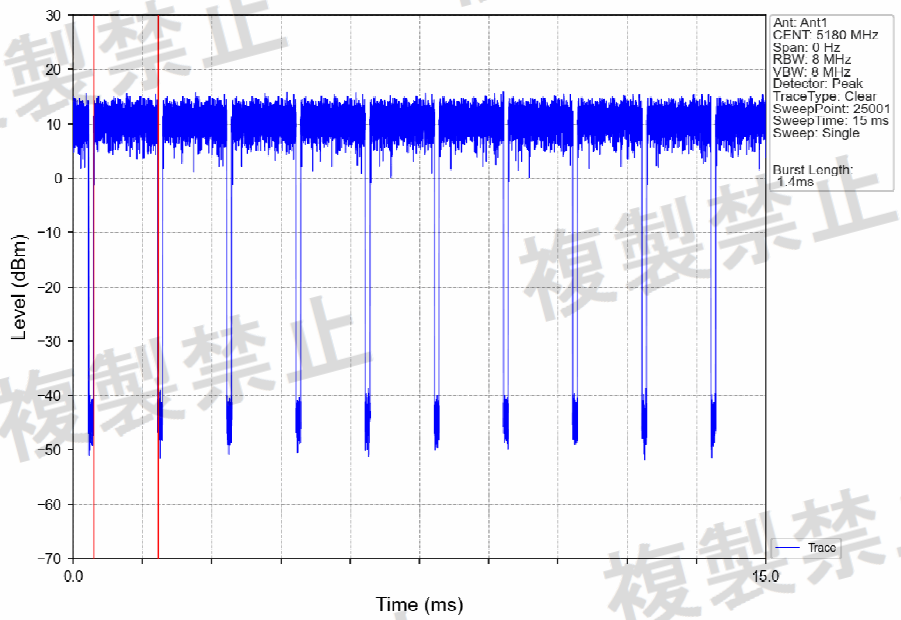
6.1.1 Ant1_NTNV

Ant1_NTNV					
Mode	TX Type	Frequency (MHz)	Burst Length (ms)		Verdict
			Result	Limit	
802.11a	SISO	5180	1.398	<=8	Pass
		5200	1.398	<=8	Pass
		5240	1.398	<=8	Pass
802.11n (HT20)	SISO	5180	1.310	<=8	Pass
		5200	1.310	<=8	Pass
		5240	1.310	<=8	Pass
802.11ac (VHT20)	SISO	5180	1.318	<=8	Pass
		5200	1.318	<=8	Pass
		5240	1.318	<=8	Pass
802.11ac (VHT40)	SISO	5190	0.657	<=8	Pass
		5230	0.657	<=8	Pass
802.11ac (VHT80)	SISO	5210	0.325	<=8	Pass

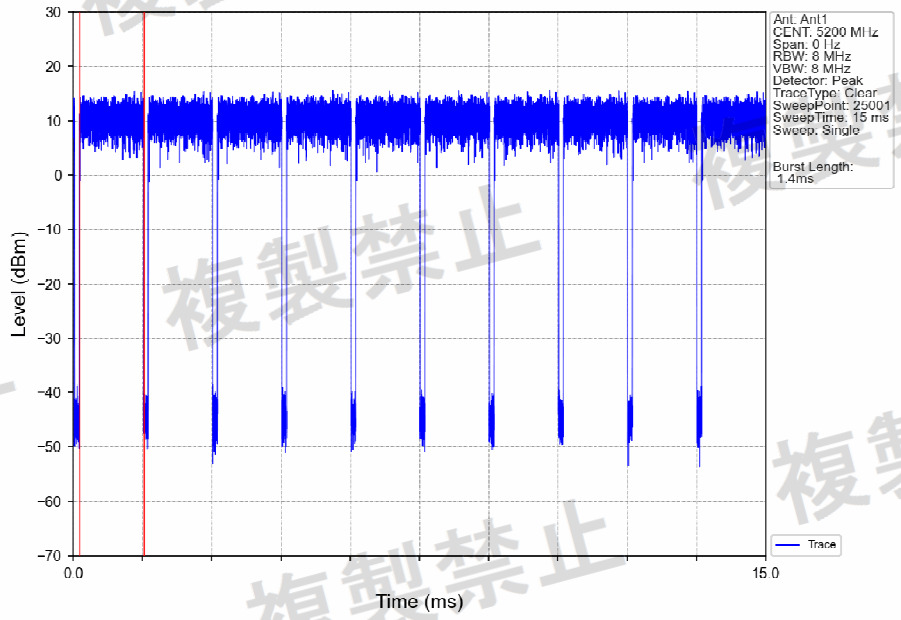
6.2 Test Graph

6.2.1 Ant1_NTNV

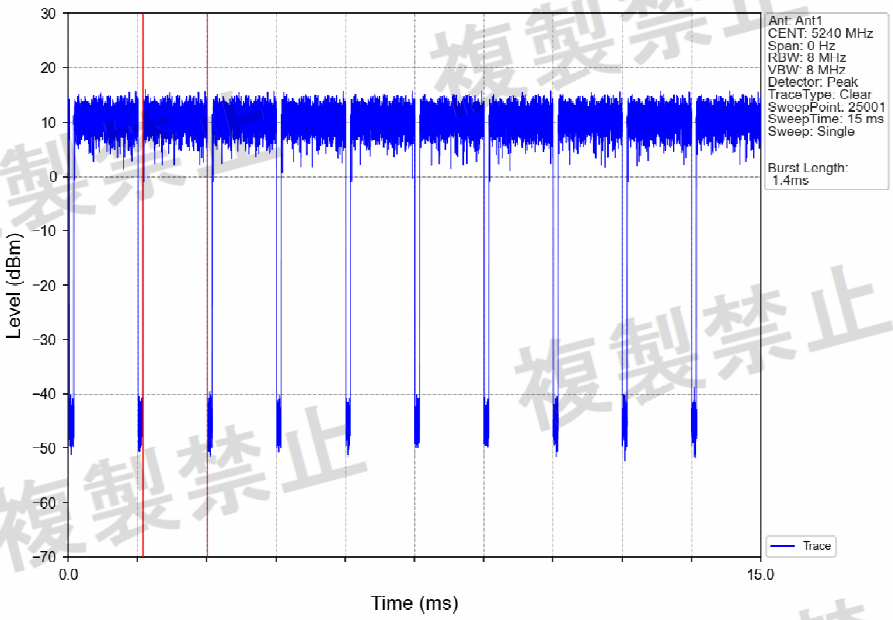
802.11a_LCH_5180MHz_Ant1_NTNV



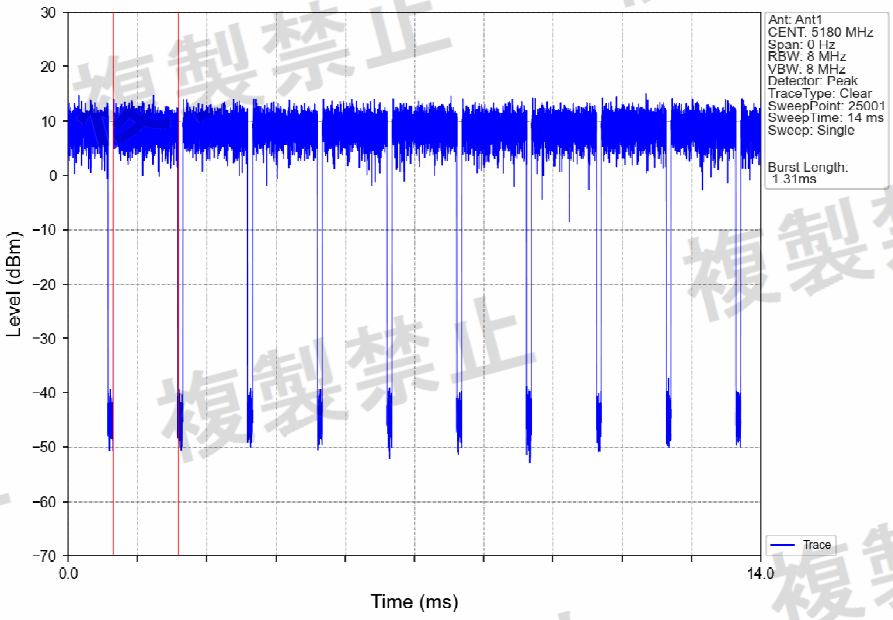
802.11a_MCH_5200MHz_Ant1_NTNV



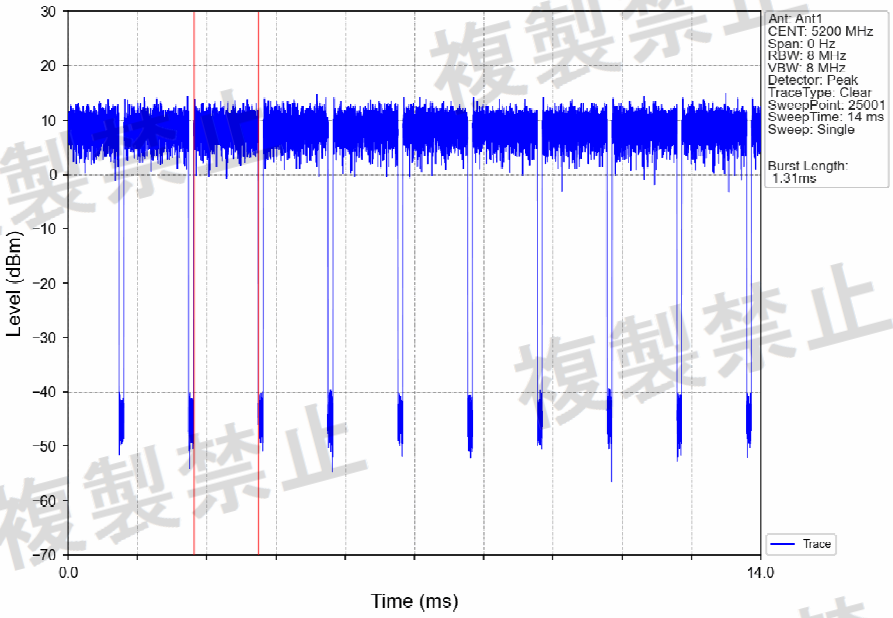
802.11a_HCH_5240MHz_Ant1_NTNV



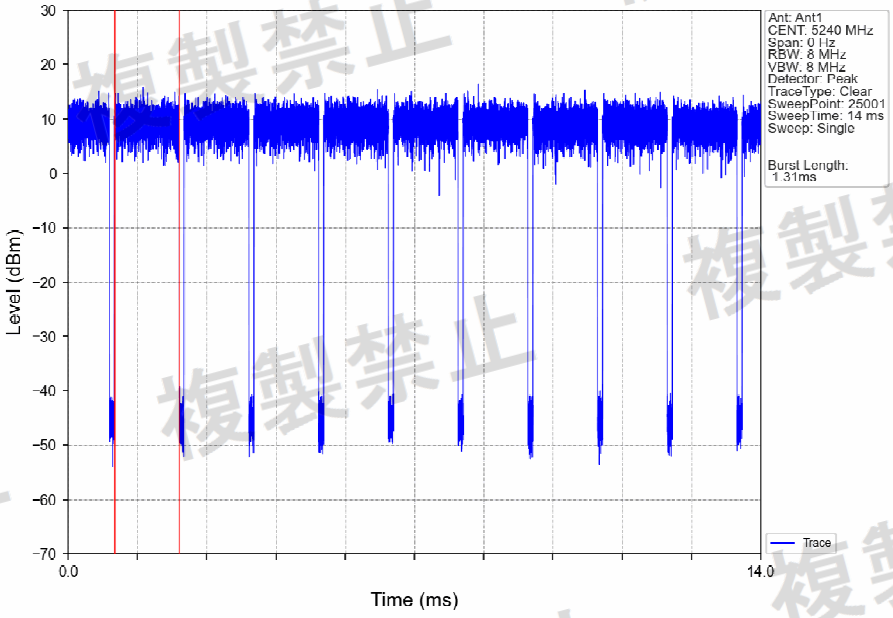
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



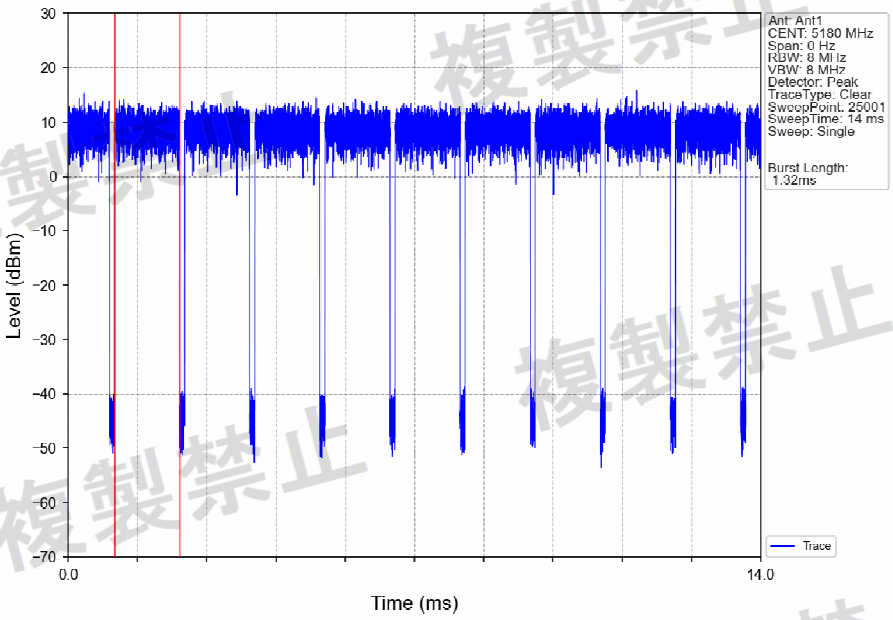
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



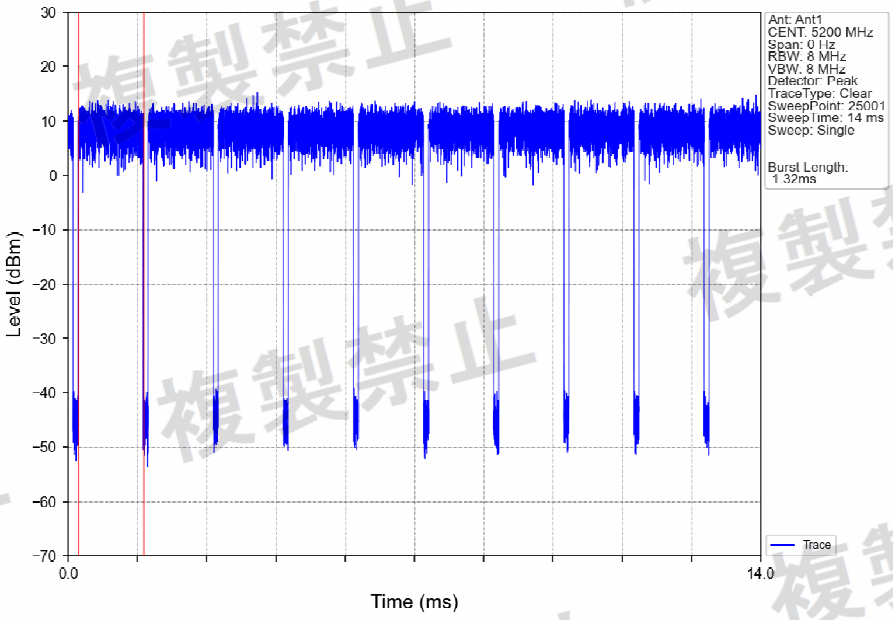
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



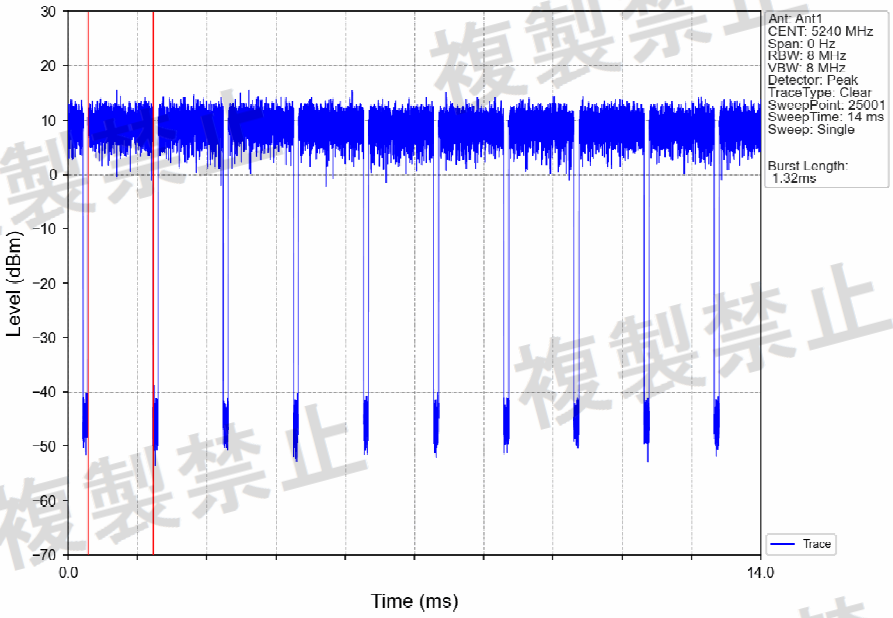
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



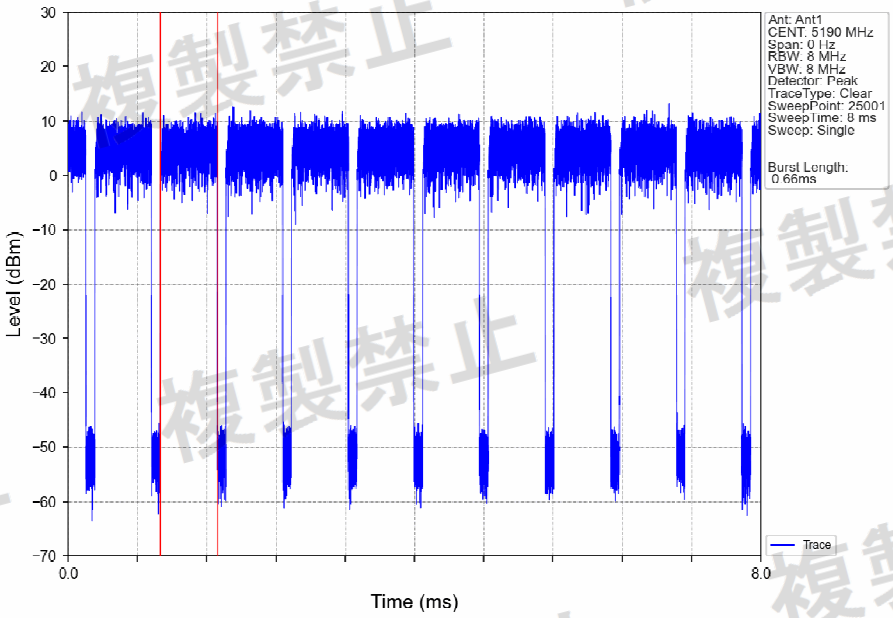
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



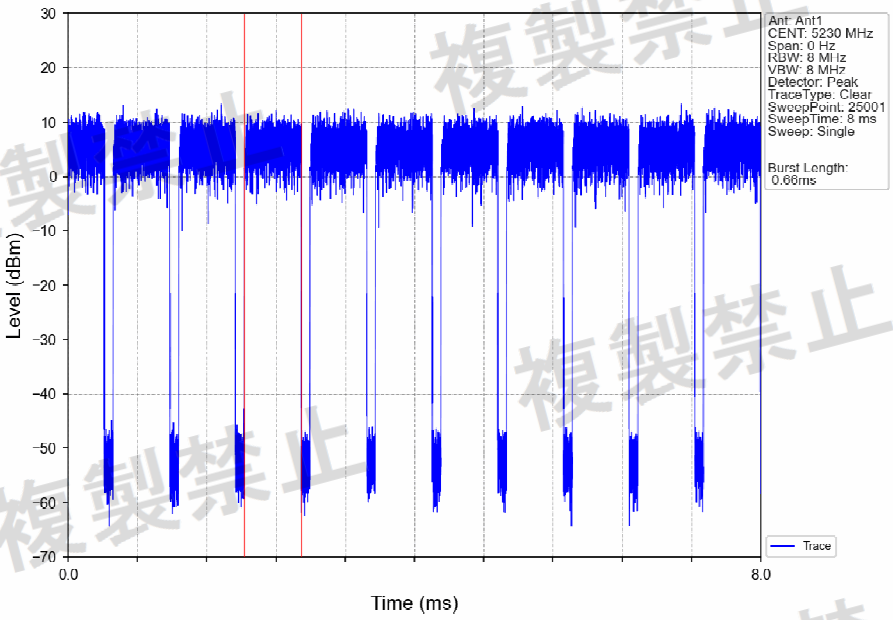
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

